

Converting Colors

XYZ(81.1933, 84.7096,
104.4042)

Have a look what the booklet for
XYZ(81.1933, 84.7096, 104.4042)
contains.

XYZ(81.1336, 84.7525, 104.1781)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(81.1336, 84.7525,
104.1781)**

Conversions

Conversions Part 1

Format	Color
Hex	E8EDFC
RGB	232, 237, 252
RGB Percent	91%, 93%, 99%
CMY	0.0902, 0.0706, 0.0118
CMYK	0.08, 0.06, 0.00, 0.01
HSL	225°, 77%, 95%
HSV	225°, 8%, 99%
XYZ	81.1336, 84.7525, 104.1781
YIQ	237.2150, -7.7950, 3.6050

Conversions

Conversions Part 2

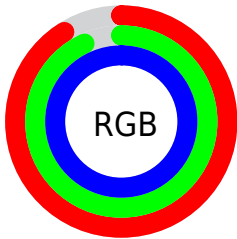
Format	Color
R _Y B	232, 236, 252
Decimal	15265276
CIE Lab	93.78, 1.13, -7.81
CIE LCh	94, 7.889, 278.241
Yxy	84.7525, 0.3004, 0.3138
Android (android.graphics.Color)	4293455356 (0xFFE8EDFC)
YUV	237.2150, 7.2890, -4.5736
Hunter-Lab	92.0611, -3.7947, -2.6509

Details

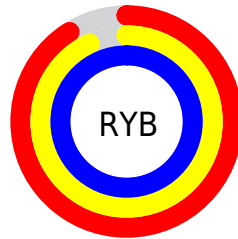
The XYZ color **81.1336, 84.7525, 104.1781** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.9714, 93.0424, 89.6678**, and the grayscale version is **80.6139, 84.8121, 92.3604**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2787, 46.2180, 58.2170** is the 20% darker color. If you saturate the color by 10%, you get **68.3477, 70.4651, 102.0956**, and if you desaturate by 10%, it is **94.5709, 99.8084, 106.3773**.

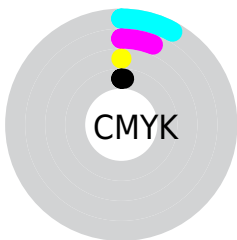
Distribution



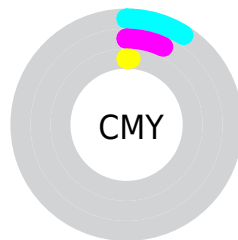
- Red (91%)
- Green (93%)
- Blue (99%)



- Red (91%)
- Yellow (93%)
- Blue (99%)



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (9%)
- Magenta (7%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.1336, 84.7525, 104.1781 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 81.1336, 84.7525, 104.1781 by changing the saturation by 10% instead.

81.1336, 84.7525,
104.1781

81.1336, 84.7525,
104.1781

487.4235,
510.8087, 594.8673

60.9633, 63.6369,
79.1581

133.9005,
140.0273, 168.9889

44.4480, 46.3566,
58.5038

167.2279,
174.9553, 209.6168

31.2223, 32.5274,
41.7964

205.6716,
215.2563, 256.2844

20.9208, 21.7646,
28.6175

249.5971,
261.3146, 309.4103

13.1783, 13.6840,
18.5486

299.3696,
313.5145, 369.4130

7.6293, 7.9012,
11.1711

355.3547,

3.9084, 4.0318,

372.2406, 436.7110

6.0664

417.9175,
437.8772, 511.7229

■ 1.6505, 1.6914,
2.8161

■ 0.4250, 0.4181,
1.0015

■ 81.1336, 84.7525,
104.1781

■ 81.1336, 84.7525,
104.1781

■ 68.3477, 70.4651,
102.0956

94.5709, 99.8084,
106.3773

■ 57.2412, 57.8706,
100.2500

■ 47.7448, 46.9078,
98.6344

■ 39.7812, 37.5077,
97.2398

■ 33.2667, 29.5961,
96.0560

■ 28.1089, 23.0922,
95.0725

■ 24.2044, 17.9073,
94.2775

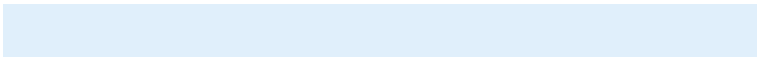
■ 21.4332, 13.9407,
93.6579

■ 19.6400, 11.0698,
93.1983

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0704, 84.7525, 103.4178



81.1336, 84.7525, 104.1781



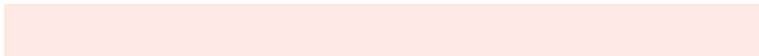
83.0744, 84.7525, 101.6436

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.1336, 84.7525, 104.1781



83.7607, 84.7525, 85.3216



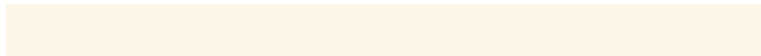
76.8704, 84.7525, 88.0694

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



81.1336, 84.7525, 104.1781



87.9714, 93.0424, 89.6678

Split Complementary

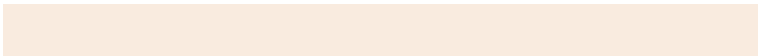
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.0865, 84.7525, 83.5119



81.1336, 84.7525, 104.1781



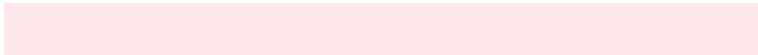
82.0575, 84.7525, 81.9740

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.1336, 84.7525, 104.1781



84.6082, 84.7525, 90.6370



79.9786, 84.7525, 81.3261



76.6328, 84.7525, 93.9449

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



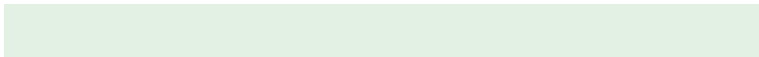
81.1336, 84.7525, 104.1781



84.0292, 84.7525, 98.4886



79.9786, 84.7525, 81.3261



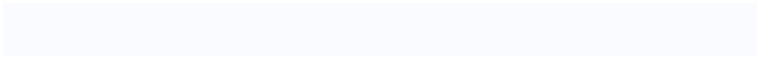
77.1773, 84.7525, 86.3400

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



81.1361, 84.7561, 104.1800



91.9907, 96.6299, 108.4107



84.8276, 93.4729, 101.2988



19.7219, 20.7181, 23.2095



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.1361, 84.7561, 104.1800



80.4837, 83.8820, 106.5566



81.2426, 82.6902, 103.7756



16.6358, 17.3485, 21.8571



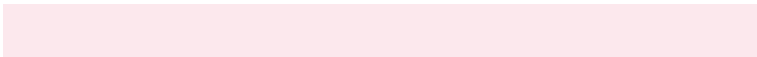
10.1777, 5.7109, 48.5394



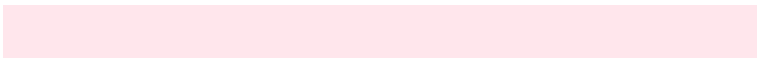
1.0230, 0.6896, 4.5224

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



84.2895, 84.5248, 91.9974



84.5207, 83.6249, 90.9517



87.8527, 95.2832, 90.1066



17.4227, 17.2964, 18.8158



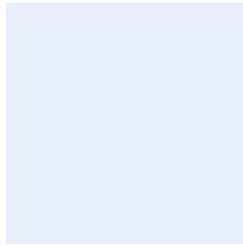
21.4292, 10.9874, 3.7028



2.0253, 1.0338, 0.5565

Previews

White Background



This preview shows how the XYZ color 81.1336, 84.7525, 104.1781 looks on a white background.

Color Contrast Check

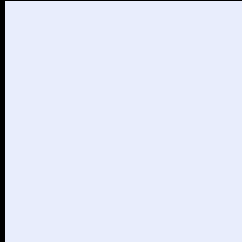
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 81.1336, 84.7525, 104.1781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

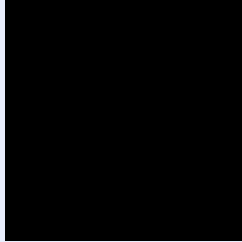
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

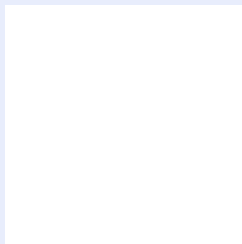
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.1336, 84.7525, 104.1781

Background



This preview shows how black text looks on a background with the XYZ color 81.1336, 84.7525, 104.1781.



This preview shows how white text looks on a background with the XYZ color 81.1336, 84.7525,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

81.1336, 84.7525, 104.1781

Protanopia

82.3331, 84.9605, 103.3264

Deuteranopia

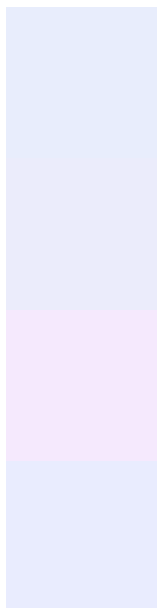
86.1713, 84.3809, 104.6739



Tritanopia

81.6497, 84.5345, 106.6211

Trichromacy



Original Color

81.1336, 84.7525, 104.1781

Protanomaly

81.6690, 84.6181, 103.2953

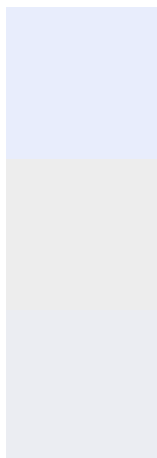
Deuteranomaly

84.5247, 84.7822, 104.8382

Tritanomaly

81.4891, 84.4703, 105.7754

Monochromacy



Original Color

81.1336, 84.7525, 104.1781

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.5721, 84.6413, 96.0952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1336, 84.7525, 104.1781 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(232, 237, 252)` looks like.

```
.text, #text, p{  
    color:rgb(232, 237, 252)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(232, 237, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 237, 252) }
```

Border

The CSS property to change the border of an element to XYZ 81.1336, 84.7525, 104.1781 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(232, 237, 252) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(232, 237, 252) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(232, 237, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 237, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 237, 252);  
box-shadow:4px 4px 4px 4px rgb(232, 237,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1336, 84.7525, 104.1781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 237, 252) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(232,  
237, 252) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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