

Converting Colors

XYZ(80.9528, 83.4838,
103.7513)

Have a look what the booklet for
XYZ(80.9528, 83.4838, 103.7513)
contains.

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Color

**XYZ(80.9252, 83.3663,
103.9216)**

Conversions

Conversions Part 1

Format	Color
Hex	EAEAFC
RGB	234, 234, 252
RGB Percent	92%, 92%, 99%
CMY	0.0823, 0.0823, 0.0118
CMYK	0.07, 0.07, 0.00, 0.01
HSL	240°, 75%, 95%
HSV	240°, 7%, 99%
XYZ	80.9252, 83.3663, 103.9216
YIQ	236.0520, -5.7780, 5.5980

Conversions

Conversions Part 2

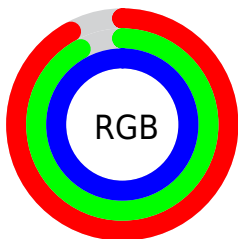
Format	Color
R_{YB}	234, 234, 252
Decimal	15395580
CIE _{Lab}	93.17, 3.32, -8.68
CIE _{LCh}	93, 9.295, 290.915
Yxy	83.3663, 0.3017, 0.3108
Android (android.graphics.Color)	4293585660 (0xFFEAE AFC)
YUV	236.0520, 7.8624, -1.7996
Hunter-Lab	91.3051, -1.5766, -3.5690

Details

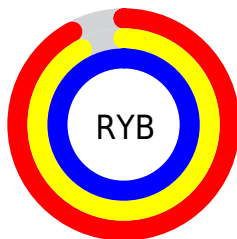
The XYZ color **80.9252, 83.3663, 103.9216** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.8069, 96.2561, 91.6894**, and the grayscale version is **79.7156, 83.8670, 91.3311**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1308, 45.2459, 58.0371** is the 20% darker color. If you saturate the color by 10%, you get **66.5632, 66.0624, 101.3399**, and if you desaturate by 10%, it is **94.5709, 99.8084, 106.3773**.

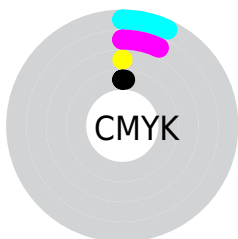
Distribution



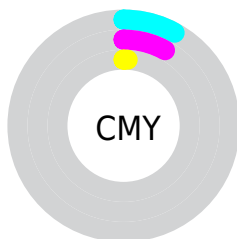
- Red (92%)
- Green (92%)
- Blue (99%)



- Red (92%)
- Yellow (92%)
- Blue (99%)



- Cyan (7%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)



- Cyan (8%)
- Magenta (8%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.9252, 83.3663, 103.9216 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 80.9252, 83.3663, 103.9216 by changing the saturation by 10% instead.

80.9252, 83.3663,
103.9216

80.9252, 83.3663,
103.9216

486.7346,
506.2065, 594.0476

60.7911, 62.4924,
78.9446

133.6094,
138.0884, 168.6347

44.3085, 45.4307,
58.3292

166.8903,
172.7053, 209.2079

31.1120, 31.7968,
41.6569

205.2840,
212.6721, 255.8168

20.8364, 21.2063,
28.5092

249.1561,
258.3730, 308.8802

13.1163, 13.2749,
18.4675

298.8719,
310.1925, 368.8163

7.5862, 7.6181,
11.1132

354.7966,

3.8809, 3.8516,

368.5150, 436.0439

6.0279

417.2957,
433.7249, 510.9815

■ 1.6350, 1.5909,
2.7930

■ 0.4150, 0.3514,
0.9899

■ 80.9252, 83.3663,
103.9216

■ 80.9252, 83.3663,
103.9216

■ 66.5632, 66.0624,
101.3399

94.5709, 99.8084,
106.3773

■ 54.3033, 51.2905,
99.1348

■ 44.0490, 38.9351,
97.2904

■ 35.6937, 28.8675,
95.7875

■ 29.1209, 20.9475,
94.6052

■ 24.2011, 15.0192,
93.7202

■ 20.7875, 10.9056,
93.1062

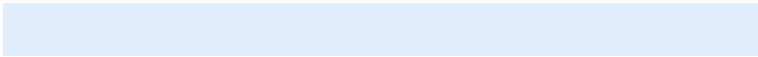
■ 18.7076, 8.3988,
92.7319

■ 17.7397, 7.2321,
92.5577

Harmonies

Analogous

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



78.4980, 83.3663, 104.7086



80.9252, 83.3663, 103.9216



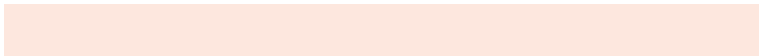
82.9380, 83.3663, 99.5168

Triad

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



80.9252, 83.3663, 103.9216



82.2346, 83.3663, 80.7286



74.6904, 83.3663, 88.6648

Complementary

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



80.9252, 83.3663, 103.9216



89.8069, 96.2561, 91.6894

Split Complementary

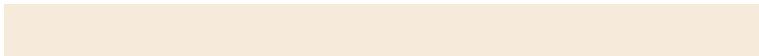
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.6481, 83.3663, 82.5546



80.9252, 83.3663, 103.9216



79.9809, 83.3663, 78.1299

Square

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



80.9252, 83.3663, 103.9216



83.7047, 83.3663, 86.0554



77.5728, 83.3663, 78.7807



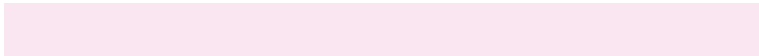
74.9315, 83.3663, 95.6573

Rectangle

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



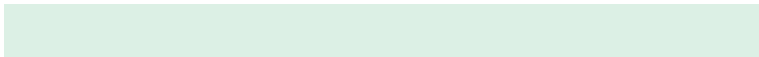
80.9252, 83.3663, 103.9216



83.7579, 83.3663, 95.2401



77.5728, 83.3663, 78.7807



74.8821, 83.3663, 86.4453

Sweetspot

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



80.9276, 83.3698, 103.9234



91.5933, 95.8352, 108.2783



86.2667, 94.1240, 105.4687



19.6409, 20.5563, 23.1825



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.



80.9276, 83.3698, 103.9234



80.2168, 82.1279, 106.2321



83.8537, 84.8769, 104.0601



16.2834, 16.6436, 21.7396



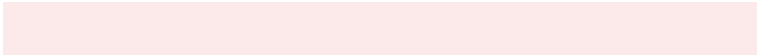
9.1531, 3.6619, 48.1979



0.8478, 0.3393, 4.4640

Inverse Universe

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



84.4209, 85.4834, 89.8964



84.6839, 84.8307, 88.2949



86.7289, 94.6709, 91.5457



17.2448, 17.2253, 17.8790



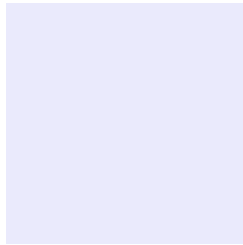
20.9121, 10.7806, 0.9797



1.9369, 0.9985, 0.0910

Previews

White Background



This preview shows how the XYZ color 80.9252, 83.3663, 103.9216 looks on a white background.

Color Contrast Check

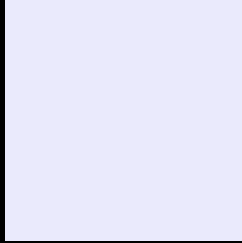
Large Text (above 18pt) WCAG AA × Fail

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 80.9252, 83.3663, 103.9216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

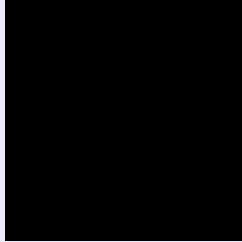
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.9252, 83.3663, 103.9216

Background



This preview shows how black text looks on a background with the XYZ color 80.9252, 83.3663, 103.9216.



This preview shows how white text looks on a background with the XYZ color 80.9252, 83.3663,

103.9216.

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

80.9252, 83.3663, 103.9216

Protanopia

81.2545, 83.5361, 103.9370

Deuteranopia

85.1733, 83.4545, 104.5477



Tritanopia

80.9252, 83.3663, 103.9216

Trichromacy



Original Color

80.9252, 83.3663, 103.9216

Protanomaly

81.2545, 83.5361, 103.9370

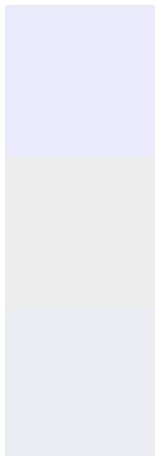
Deuteranomaly

83.6138, 83.4768, 104.6342

Tritanomaly

80.9252, 83.3663, 103.9216

Monochromacy



Original Color

80.9252, 83.3663, 103.9216

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.9963, 83.4896, 95.9033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.9252, 83.3663, 103.9216 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(234, 234, 252)` looks like.

```
.text, #text, p{  
    color:rgb(234, 234, 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(234, 234, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 234, 252) }
```

Border

The CSS property to change the border of an element to XYZ 80.9252, 83.3663, 103.9216 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(234, 234, 252) }
```


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

```
.border{ border-color:rgb(234, 234, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 234, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 234, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 234, 252);  
box-shadow:4px 4px 4px 4px rgb(234, 234,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 80.9252, 83.3663, 103.9216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 234, 252) }
```

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

```
.background{ background-color: rgb(234,  
234, 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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