

Converting Colors

XYZ(60.6554, 63.3814, 96.7533)

Have a look what the booklet for
XYZ(60.6554, 63.3814, 96.7533)
contains.

XYZ(60.8214, 63.6274, 97.0714)	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(60.8214, 63.6274,
97.0714)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD2F7
RGB	189, 210, 247
RGB Percent	74%, 82%, 97%
CMY	0.2588, 0.1765, 0.0314
CMYK	0.23, 0.15, 0.00, 0.03
HSL	218°, 78%, 85%
HSV	218°, 23%, 97%
XYZ	60.8214, 63.6274, 97.0714
YIQ	207.9390, -24.3930, 7.0550

Conversions

Conversions Part 2

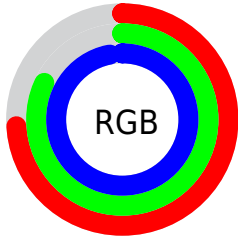
Format	Color
RYB	189, 204, 247
Decimal	12440311
CIELab	83.77, 0.82, -20.47
CIELCh	84, 20.486, 272.286
Yxy	63.6274, 0.2746, 0.2872
Android (android.graphics.Color)	4290630391 (0xFFBDD2F7)
YUV	207.9390, 19.2571, -16.6095
Hunter-Lab	79.7668, -3.4874, -16.3156

Details

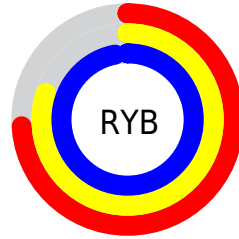
The XYZ color **60.8214, 63.6274, 97.0714** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.7403, 77.8415, 59.2315**, and the grayscale version is **59.8068, 62.9214, 68.5214**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **31.2841, 32.6894, 53.9511** is the 20% darker color. If you saturate the color by 10%, you get **51.5082, 53.3343, 95.5766**, and if you desaturate by 10%, it is **71.5650, 75.2295, 98.7456**.

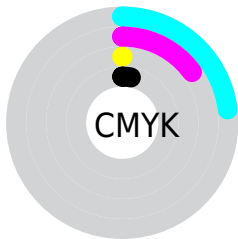
Distribution



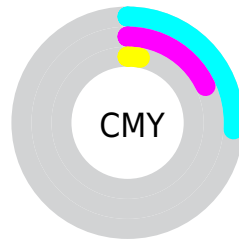
- Red (74%)
- Green (82%)
- Blue (97%)



- Red (74%)
- Yellow (80%)
- Blue (97%)



- Cyan (23%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)



- Cyan (26%)
- Magenta (18%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8214, 63.6274, 97.0714 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 60.8214, 63.6274, 97.0714 by changing the saturation by 10% instead.

■ 60.8214, 63.6274,
97.0714

■ 60.8214, 63.6274,
97.0714

417.4052,
437.8429, 571.9282

■ 44.3330, 46.3490,
73.2538

■ 105.1199,
110.0742, 159.1433

■ 31.1314, 32.5213,
53.6904

133.6607,
140.0113, 198.2348

■ 20.8513, 21.7600,
37.9627

166.9497,
174.9367, 243.2546

■ 13.1272, 13.6806,
25.6522

205.3523,
215.2349, 294.6213

■ 7.5938, 7.8989,
16.3402

249.2338,
261.2902, 352.7535

■ 3.8857, 4.0303,
9.6082

298.9595,

■ 1.6377, 1.6905,

313.4870, 418.0697

5.0378

354.8949,
372.2098, 490.9884

■ 0.4168, 0.4175,
2.2103

■ 0.0000, 0.0000,
0.6803

■ 60.8214, 63.6274,
97.0714

■ 60.8214, 63.6274,
97.0714

■ 51.5082, 53.3343,
95.5766

■ 71.5650, 75.2295,
98.7456

■ 43.5555, 44.2933,
94.2506

■ 83.7927, 88.1794,
100.6008

■ 36.8964, 36.4543,
93.0885

■ 93.7887, 99.4955,
102.2581

■ 31.4554, 29.7603,
92.0832

■ 27.1484, 24.1491,
91.2271

■ 23.8794, 19.5511,
90.5119

■ 21.5336, 15.8855,
89.9280

■ 20.3977, 13.9335,
89.6111

Harmonies

Analogous

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



56.5451, 63.6274, 93.5833



60.8214, 63.6274, 97.0714



65.2109, 63.6274, 92.3818

Triad

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



60.8214, 63.6274, 97.0714



68.0805, 63.6274, 56.8813



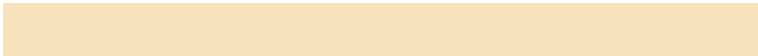
53.1429, 63.6274, 58.3943

Complementary

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



60.8214, 63.6274, 97.0714



74.7403, 77.8415, 59.2315

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.



55.9759, 63.6274, 50.3905



60.8214, 63.6274, 97.0714



64.5849, 63.6274, 49.5960

Square

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



60.8214, 63.6274, 97.0714



69.5293, 63.6274, 68.2966



60.1318, 63.6274, 47.3736



52.2447, 63.6274, 70.2716

Rectangle

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



60.8214, 63.6274, 97.0714



67.5738, 63.6274, 85.5503



60.1318, 63.6274, 47.3736



53.8933, 63.6274, 55.2146

Sweetspot

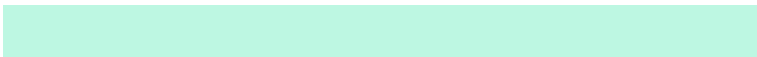
The Sweet Spot groups the original color and five complimentary colors.



60.8234, 63.6300, 97.0728



85.2597, 89.7194, 107.4316



67.9394, 82.8180, 84.1659



18.0765, 19.0212, 22.9687



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.



60.8234, 63.6300, 97.0728



60.6335, 63.1850, 103.6079



57.9439, 54.9467, 95.5486



16.0724, 16.9090, 20.9592



10.9102, 7.6142, 47.4327



1.0529, 0.8572, 4.2002

Inverse Universe

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



68.1899, 60.8243, 69.1218



69.8624, 60.0010, 68.5159



78.1341, 88.5941, 61.1281



16.7471, 16.5817, 18.4148



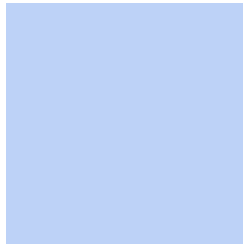
21.3115, 10.8680, 6.3486



1.9205, 0.9742, 0.8079

Previews

White Background



This preview shows how the XYZ color 60.8214, 63.6274, 97.0714 looks on a white background.

Color Contrast Check

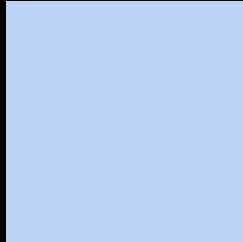
Large Text (above 18pt) WCAG AA × Fail

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 60.8214, 63.6274, 97.0714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

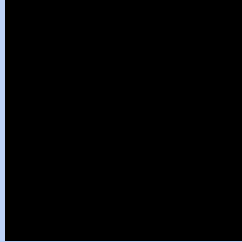
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8214, 63.6274, 97.0714

Background



This preview shows how black text looks on a background with the XYZ color 60.8214, 63.6274, 97.0714.



This preview shows how white text looks on a background with the XYZ color 60.8214, 63.6274,

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

60.8214, 63.6274, 97.0714

Protanopia

62.8816, 63.6357, 95.3549

Deuteranopia

64.8306, 63.5184, 97.6503



Tritanopia

58.3269, 63.7408, 84.0920

Trichromacy



Original Color

60.8214, 63.6274, 97.0714

Protanomaly

62.2164, 63.6359, 96.1926

Deuteranomaly

63.3717, 63.4765, 97.7191

Tritanomaly

59.1773, 63.7079, 88.5348

Monochromacy



Original Color

60.8214, 63.6274, 97.0714

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.0727, 63.2924, 78.1577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8214, 63.6274, 97.0714 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(189, 210, 247)` looks like.

```
.text, #text, p{  
    color:rgb(189, 210, 247)  
}
```

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(189, 210, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 210, 247) }
```

Border

The CSS property to change the border of an element to XYZ 60.8214, 63.6274, 97.0714 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(189, 210, 247) }
```


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

```
.border{ border-color:rgb(189, 210, 247) }
```

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

Here you see how a box with a 4 pixel rgb(189, 210, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 210, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 210, 247);  
box-shadow:4px 4px 4px 4px rgb(189, 210,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8214, 63.6274, 97.0714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 210, 247) }
```

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

```
.background{ background-color: rgb(189,  
210, 247) }
```

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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