

Converting Colors

XYZ(24.7418, 26.9245, 61.0200)

Have a look what the booklet for
XYZ(24.7418, 26.9245, 61.0200)
contains.

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Color

**XYZ(24.8125, 27.0209,
61.0345)**

Conversions

Conversions Part 1

Format	Color
Hex	5293CC
RGB	82, 147, 204
RGB Percent	32%, 58%, 80%
CMY	0.6784, 0.4235, 0.2000
CMYK	0.60, 0.28, 0.00, 0.20
HSL	208°, 54%, 56%
HSV	208°, 60%, 80%
XYZ	24.8125, 27.0209, 61.0345
YIQ	134.0630, -57.0370, 3.9470

Conversions

Conversions Part 2

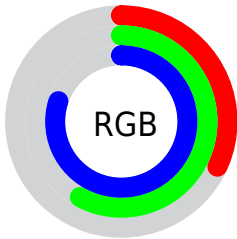
Format	Color
R_{YB}	82, 124, 204
Decimal	5411788
CIE _{Lab}	58.99, -3.69, -35.61
CIE _{LCh}	59, 35.797, 264.080
Yxy	27.0209, 0.2198, 0.2394
Android (android.graphics.Color)	4283601868 (0xFF5293CC)
YUV	134.0630, 34.4789, -45.6593
Hunter-Lab	51.9816, -5.7641, -33.2285

Details

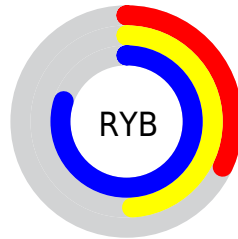
The XYZ color **24.8125, 27.0209, 61.0345** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **35.6587, 31.9137, 12.2645**, and the grayscale version is **22.5765, 23.7522, 25.8662**.

A 20% lighter version of the original color is **49.7519, 54.5687, 102.5184**, and **9.7797, 10.7514, 30.4139** is the 20% darker color. If you saturate the color by 10%, you get **21.8739, 23.3965, 60.4903**, and if you desaturate by 10%, it is **28.4031, 31.1646, 61.6456**.

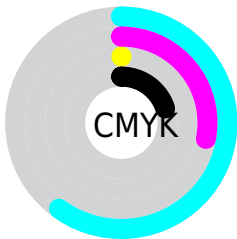
Distribution



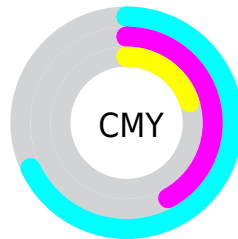
- Red (32%)
- Green (58%)
- Blue (80%)



- Red (32%)
- Yellow (49%)
- Blue (80%)



- Cyan (60%)
- Magenta (28%)
- Yellow (0%)
- Black (20%)



- Cyan (68%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8125, 27.0209, 61.0345 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 24.8125, 27.0209, 61.0345 by changing the saturation by 10% instead.

■ 24.8125, 27.0209,
61.0345

■ 24.8125, 27.0209,
61.0345

269.2678,
287.7583, 446.3105

■ 16.0654, 17.5889,
43.8223

■ 50.7980, 54.9174,
107.8869

■ 9.6616, 10.6553,
30.1946

■ 68.7670, 74.1507,
138.3642

■ 5.2357, 5.8355,
19.7331

■ 90.5408, 97.4199,
174.1002

■ 2.4224, 2.7453,
12.0190

■ 116.4847,
125.1094, 215.5135

■ 0.8563, 1.0003,
6.6339

146.9639,
157.6036, 263.0226

■ 0.0000, 0.0000,
3.1593

182.3440,

■ 0.0000, 0.0000,

195.2869, 317.0462

1.1765

222.9901,
238.5437, 378.0026

■ 0.0000, 0.0000,
0.0000

■ 24.8125, 27.0209,
61.0345

■ 24.8125, 27.0209,
61.0345

■ 21.8739, 23.3965,
60.4903

■ 28.4031, 31.1646,
61.6456

■ 19.5331, 20.2578,
60.0079

■ 32.6880, 35.8524,
62.3246

■ 17.7309, 17.5701,
59.5841

■ 37.7090, 41.1104,
63.0749

■ 16.3597, 15.2731,
59.2130

■ 43.5038, 46.9619,
63.8989

■ 16.3344, 15.2301,
59.2060

■ 50.1069, 53.4286,
64.7991

■ 57.5510, 60.5311,
65.7776

■ 65.8668, 68.2889,
66.8368

■ 75.0833, 76.7205,
67.9785

■ 81.2173, 83.7759,
69.0170

Harmonies

Analogous

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



20.9951, 27.0209, 53.9787



24.8125, 27.0209, 61.0345



29.3235, 27.0209, 57.8449

Triad

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



24.8125, 27.0209, 61.0345



34.2866, 27.0209, 20.5349



19.3739, 27.0209, 17.2878

Complementary

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



24.8125, 27.0209, 61.0345



35.6587, 31.9137, 12.2645

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.



22.3562, 27.0209, 12.2755



24.8125, 27.0209, 61.0345



31.0204, 27.0209, 13.7373

Square

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



24.8125, 27.0209, 61.0345



35.1386, 27.0209, 32.0143



26.5727, 27.0209, 11.1943



18.0962, 27.0209, 26.9720

Rectangle

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



24.8125, 27.0209, 61.0345



32.0872, 27.0209, 50.6981



26.5727, 27.0209, 11.1943



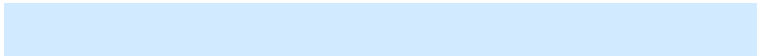
20.1925, 27.0209, 15.1268

Sweetspot

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



24.8135, 27.0219, 61.0352



73.6689, 79.3821, 106.0472



29.7289, 46.8425, 31.8767



15.1202, 16.3472, 22.6084



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.



24.8135, 27.0219, 61.0352



34.9064, 37.0316, 99.9158



17.7131, 12.8211, 58.6684



11.0883, 11.8171, 14.2669



10.3750, 9.7740, 37.2960



0.6108, 0.6553, 1.9492

Inverse Universe

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



33.1865, 20.9797, 29.9049



50.7006, 28.6903, 40.5086



47.0644, 54.7249, 16.0664



11.4579, 11.3119, 12.9461



17.4477, 8.7897, 10.0763



0.9382, 0.4687, 0.7206

Previews

White Background



This preview shows how the XYZ color 24.8125, 27.0209, 61.0345 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8125, 27.0209, 61.0345 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 × Fail

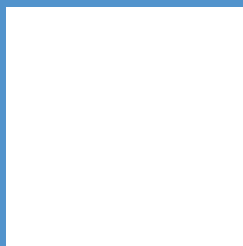
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.8125, 27.0209, 61.0345

Background



This preview shows how black text looks on a background with the XYZ color 24.8125, 27.0209, 61.0345.

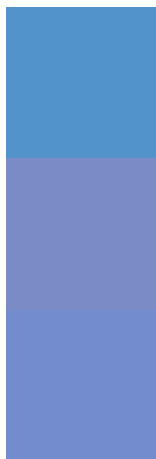


This preview shows how white text looks on a background with the XYZ color 24.8125, 27.0209,

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

24.8125, 27.0209, 61.0345

Protanopia

27.5940, 26.7534, 57.1356

Deuteranopia

27.5889, 26.8572, 62.1224



Tritanopia

20.7106, 27.0250, 40.6840

Trichromacy



Original Color

24.8125, 27.0209, 61.0345

Protanomaly

26.2827, 26.7043, 58.4128

Deuteranomaly

26.4354, 26.9363, 61.5635

Tritanomaly

21.9034, 26.7681, 47.1923

Monochromacy



Original Color

24.8125, 27.0209, 61.0345

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.5609, 24.6133, 36.3626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8125, 27.0209, 61.0345 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(82, 147, 204)` looks like.

```
.text, #text, p{  
    color:rgb(82, 147, 204)  
}
```

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(82, 147, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 147, 204) }
```

Border

The CSS property to change the border of an element to XYZ 24.8125, 27.0209, 61.0345 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(82, 147, 204) }
```


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

```
.border{ border-color:rgb(82, 147, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 147, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 147, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 147, 204);  
box-shadow:4px 4px 4px 4px rgb(82, 147,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8125, 27.0209, 61.0345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 147, 204) }
```

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

```
.background{ background-color: rgb(82, 147,  
204) }
```

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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