

Converting Colors

XYZ(24.6000, 26.9326, 60.3587)

Have a look what the booklet for
XYZ(24.6000, 26.9326, 60.3587)
contains.

XYZ(24.6065, 26.9286, 60.4007)	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(24.6065, 26.9286,
60.4007)**

Conversions

Conversions Part 1

Format	Color
Hex	5193CB
RGB	81, 147, 203
RGB Percent	32%, 58%, 80%
CMY	0.6823, 0.4235, 0.2039
CMYK	0.60, 0.28, 0.00, 0.20
HSL	208°, 54%, 56%
HSV	208°, 60%, 80%
XYZ	24.6065, 26.9286, 60.4007
YIQ	133.6500, -57.3120, 3.4240

Conversions

Conversions Part 2

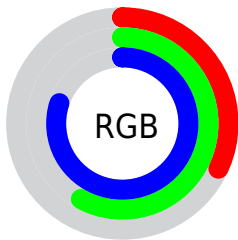
Format	Color
R_{YB}	81, 124, 203
Decimal	5346251
CIE _{Lab}	58.91, -4.21, -35.18
CIE _{LCh}	59, 35.432, 263.175
Yxy	26.9286, 0.2198, 0.2406
Android (android.graphics.Color)	4283536331 (0xFF5193CB)
YUV	133.6500, 34.1895, -46.1741
Hunter-Lab	51.8928, -6.1713, -32.6858

Details

The XYZ color **24.6065, 26.9286, 60.4007** 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 **35.0604, 31.1832, 11.9567**, and the grayscale version is **22.4264, 23.5943, 25.6942**.

A 20% lighter version of the original color is **49.5841, 54.4823, 102.5105**, and **9.6995, 10.7193, 29.9916** is the 20% darker color. If you saturate the color by 10%, you get **21.7292, 23.3811, 59.8681**, and if you desaturate by 10%, it is **28.1230, 30.9808, 60.9981**.

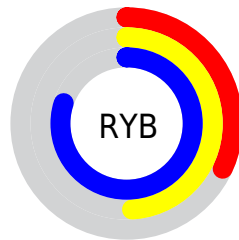
Distribution



Red (32%)

Green (58%)

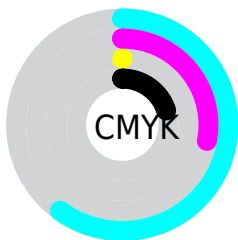
Blue (80%)



Red (32%)

Yellow (49%)

Blue (80%)

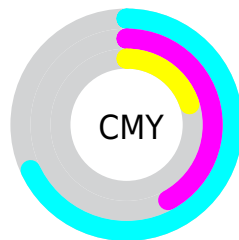


Cyan (60%)

Magenta (28%)

Yellow (0%)

Black (20%)



Cyan (68%)

Magenta (42%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6065, 26.9286, 60.4007 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 24.6065, 26.9286, 60.4007 by changing the saturation by 10% instead.

■ 24.6065, 26.9286,
60.4007

■ 24.6065, 26.9286,
60.4007

268.2565,
287.3112, 443.9187

■ 15.9113, 17.5196,
43.3143

■ 50.4656, 54.7693,
106.9598

■ 9.5519, 10.6056,
29.7986

■ 68.3603, 73.9697,
137.2695

■ 5.1628, 5.8023,
19.4350

■ 90.0521, 97.2028,
172.8241

■ 2.3788, 2.7253,
11.8050

■ 115.9065,
124.8529, 214.0421

■ 0.8346, 0.9900,
6.4901

146.2887,
157.3044, 261.3420

■ 0.0000, 0.0000,
3.0718

181.5643,

■ 0.0000, 0.0000,

194.9417, 315.1424

1.1314

222.0984,
238.1492, 375.8618

■ 0.0000, 0.0000,
0.0000

■ 24.6065, 26.9286,
60.4007

■ 24.6065, 26.9286,
60.4007

■ 21.7292, 23.3811,
59.8681

■ 28.1230, 30.9808,
60.9981

■ 19.4375, 20.3051,
59.3952

■ 32.3205, 35.5619,
61.6611

■ 17.6727, 17.6667,
58.9790

■ 37.2403, 40.6974,
62.3930

■ 16.3360, 15.4247,
58.6167

■ 42.9194, 46.4101,
63.1963

■ 49.3920, 52.7213,
64.0734

■ 56.6903, 59.6511,
65.0263

■ 64.8445, 67.2184,
66.0572

■ 73.8833, 75.4414,
67.1680

■ 80.5580, 82.6486,
68.2073

Harmonies

Analogous

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



20.8694, 26.9286, 53.1898



24.6065, 26.9286, 60.4007



29.0561, 26.9286, 57.5704

Triad

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



24.6065, 26.9286, 60.4007



34.1487, 26.9286, 20.8123



19.4251, 26.9286, 17.1048

Complementary

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



24.6065, 26.9286, 60.4007



35.0604, 31.1832, 11.9567

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.



22.4200, 26.9286, 12.2609



24.6065, 26.9286, 60.4007



30.9846, 26.9286, 13.9355

Square

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



24.6065, 26.9286, 60.4007



34.9059, 26.9286, 32.2829



26.6093, 26.9286, 11.2942



18.1070, 26.9286, 26.5454

Rectangle

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



24.6065, 26.9286, 60.4007



31.8039, 26.9286, 50.6747



26.6093, 26.9286, 11.2942



20.2515, 26.9286, 15.0084

Sweetspot

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



24.6075, 26.9296, 60.4014



73.7760, 79.5962, 106.0829



29.1870, 46.2366, 30.6428



15.1463, 16.3994, 22.6171



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.



24.6075, 26.9296, 60.4014



35.1887, 37.5963, 100.0099



17.5901, 12.8948, 58.0622



11.0961, 11.8326, 14.2695



10.4882, 10.0003, 37.3337



0.6164, 0.6667, 1.9511

Inverse Universe

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



32.8383, 20.6889, 29.8673



50.8431, 28.7473, 41.2592



46.0580, 53.1783, 15.6226



11.4619, 11.3135, 12.9668



17.5048, 8.8125, 10.3771



0.9411, 0.4698, 0.7357

Previews

White Background



This preview shows how the XYZ color 24.6065, 26.9286, 60.4007 looks on a white background.

Color Contrast Check

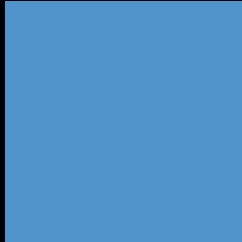
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6065, 26.9286, 60.4007 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 24.6065, 26.9286, 60.4007

Background



This preview shows how black text looks on a background with the XYZ color 24.6065, 26.9286, 60.4007.

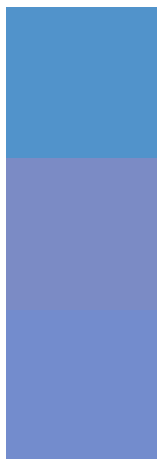


This preview shows how white text looks on a background with the XYZ color 24.6065, 26.9286,

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

24.6065, 26.9286, 60.4007

Protanopia

27.4790, 26.7074, 56.5301

Deuteranopia

27.4678, 26.8088, 61.4845



Tritanopia

20.6185, 26.9882, 40.1989

Trichromacy



Original Color

24.6065, 26.9286, 60.4007

Protanomaly

26.1661, 26.6577, 57.7992

Deuteranomaly

26.3151, 26.8881, 60.9297

Tritanomaly

21.8018, 26.7275, 46.6577

Monochromacy



Original Color

24.6065, 26.9286, 60.4007

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 24.6065, 26.9286, 60.4007 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(81, 147, 203)` looks like.

```
.text, #text, p{  
    color:rgb(81, 147, 203)  
}
```

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(81, 147, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 147, 203) }
```

Border

The CSS property to change the border of an element to XYZ 24.6065, 26.9286, 60.4007 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(81, 147, 203) }
```


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

```
.border{ border-color:rgb(81, 147, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 147, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 147, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 147, 203);  
box-shadow:4px 4px 4px 4px rgb(81, 147,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6065, 26.9286, 60.4007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 147, 203) }
```

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

```
.background{ background-color: rgb(81, 147,  
203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor