

Converting Colors

XYZ(24.8298, 26.9737, 53.1898)

Have a look what the booklet for
XYZ(24.8298, 26.9737, 53.1898)
contains.

XYZ(24.8284, 26.9720, 53.1877)	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(24.8284, 26.9720,
53.1877)**

Conversions

Conversions Part 1

Format	Color
Hex	6392BF
RGB	99, 146, 191
RGB Percent	39%, 57%, 75%
CMY	0.6118, 0.4274, 0.2510
CMYK	0.48, 0.24, 0.00, 0.25
HSL	209°, 42%, 57%
HSV	209°, 48%, 75%
XYZ	24.8284, 26.9720, 53.1877
YIQ	137.0770, -42.4570, 4.0310

Conversions

Conversions Part 2

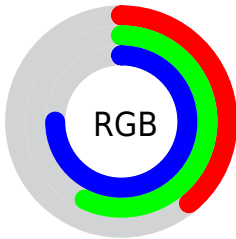
Format	Color
R _Y B	99, 130, 191
Decimal	6525631
CIE Lab	58.95, -3.43, -28.29
CIE LCh	59, 28.498, 263.089
Yxy	26.9720, 0.2365, 0.2569
Android (android.graphics.Color)	4284715711 (0xFF6392BF)
YUV	137.0770, 26.5840, -33.3935
Hunter-Lab	51.9346, -5.5499, -24.3664

Details

The XYZ color **24.8284, 26.9720, 53.1877** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **33.7119, 31.9246, 16.1906**, and the grayscale version is **23.7219, 24.9573, 27.1785**.

A 20% lighter version of the original color is **50.9240, 54.9559, 96.7305**, and **9.6531, 10.6641, 25.2165** is the 20% darker color. If you saturate the color by 10%, you get **21.6016, 23.2577, 52.6413**, and if you desaturate by 10%, it is **28.6682, 31.1781, 53.7977**.

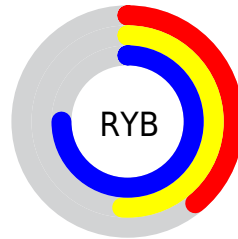
Distribution



Red (39%)

Green (57%)

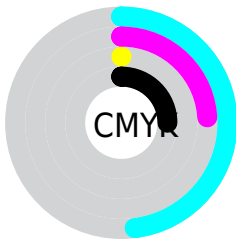
Blue (75%)



Red (39%)

Yellow (51%)

Blue (75%)

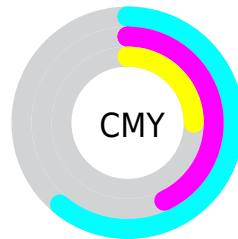


Cyan (48%)

Magenta (24%)

Yellow (0%)

Black (25%)



Cyan (61%)

Magenta (43%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8284, 26.9720, 53.1877 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 24.8284, 26.9720, 53.1877 by changing the saturation by 10% instead.

■ 24.8284, 26.9720,
53.1877

■ 24.8284, 26.9720,
53.1877

269.3457,
287.5215, 416.0915

■ 16.0773, 17.5522,
37.5639

■ 50.8236, 54.8389,
96.3249

■ 9.6701, 10.6290,
25.3452

■ 68.7984, 74.0549,
124.6753

■ 5.2413, 5.8179,
16.1131

■ 90.5785, 97.3049,
158.1050

■ 2.4258, 2.7347,
9.4490

■ 116.5293,
124.9736, 197.0325

■ 0.8580, 0.9948,
4.9344

147.0160,
157.4451, 241.8764

■ 0.0000, 0.0000,
2.1507

182.4041,

■ 0.0000, 0.0000,

195.1041, 293.0551

0.6457

223.0589,
238.3347, 350.9873

■ 0.0000, 0.0000,
0.0000

■ 24.8284, 26.9720,
53.1877

■ 24.8284, 26.9720,
53.1877

■ 21.6016, 23.2577,
52.6413

■ 28.6682, 31.1781,
53.7977

■ 18.9469, 20.0084,
52.1541

■ 33.1528, 35.8948,
54.4717

■ 16.8223, 17.1987,
51.7237

■ 38.3150, 41.1434,
55.2127

■ 15.1779, 14.7982,
51.3471

■ 44.1844, 46.9430,
56.0228

■ 13.9373, 12.7631,
51.0196

■ 50.7887, 53.3115,
56.9040

■ 13.7323, 12.4180,
50.9638

■ 58.1541, 60.2660,
57.8581

■ 66.3054, 67.8227,
58.8871

■ 75.2664, 75.9971,
59.9926

■ 78.9642, 81.6620,
60.8912

Harmonies

Analogous

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



21.7737, 26.9720, 47.8039



24.8284, 26.9720, 53.1877



28.3898, 26.9720, 51.1125

Triad

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



24.8284, 26.9720, 53.1877



32.3971, 26.9720, 22.3882



20.5851, 26.9720, 19.1762

Complementary

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



24.8284, 26.9720, 53.1877



33.7119, 31.9246, 16.1906

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.



23.0665, 26.9720, 14.8752



24.8284, 26.9720, 53.1877



29.9302, 26.9720, 16.4108

Square

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



24.8284, 26.9720, 53.1877



32.9782, 26.9720, 31.7684



26.4611, 26.9720, 13.9940



19.4736, 26.9720, 27.0916

Rectangle

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



24.8284, 26.9720, 53.1877



30.5556, 26.9720, 45.9653



26.4611, 26.9720, 13.9940



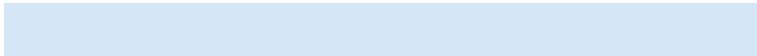
21.2751, 26.9720, 17.3411

Sweetspot

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



24.8293, 26.9730, 53.1883



72.6139, 77.6647, 99.4428



28.7705, 41.9122, 32.7468



15.4543, 16.5664, 21.7684



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



24.8293, 26.9730, 53.1883



38.2957, 41.1880, 94.2108



19.1589, 15.6322, 51.2982



9.4086, 10.0095, 12.1083



9.1054, 8.3226, 33.5194



0.4220, 0.4566, 1.3348

Inverse Universe

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



31.1368, 22.0763, 29.8152



51.3739, 32.8972, 45.3302



42.0367, 48.5741, 18.9655



9.7281, 9.6155, 10.9571



15.5968, 7.8699, 8.4362



0.6439, 0.3215, 0.5041

Previews

White Background



This preview shows how the XYZ color 24.8284, 26.9720, 53.1877 looks on a white background.

Color Contrast Check

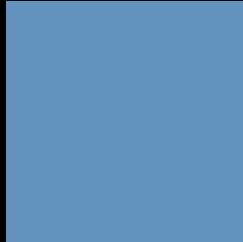
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8284, 26.9720, 53.1877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

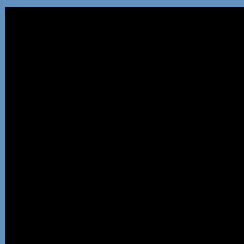
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

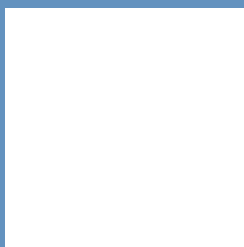
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.8284, 26.9720, 53.1877

Background



This preview shows how black text looks on a background with the XYZ color 24.8284, 26.9720, 53.1877.

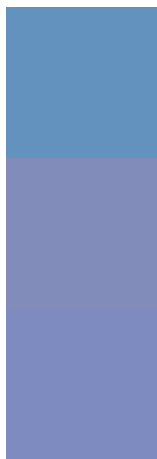


This preview shows how white text looks on a background with the XYZ color 24.8284, 26.9720,

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

24.8284, 26.9720, 53.1877

Protanopia

27.2943, 26.9685, 50.2212

Deuteranopia

27.3512, 26.7066, 53.5825



Tritanopia

21.8939, 26.9512, 38.6985

Trichromacy



Original Color

24.8284, 26.9720, 53.1877

Protanomaly

26.2213, 26.8284, 51.3733

Deuteranomaly

26.3899, 26.8648, 53.6637

Tritanomaly

22.8045, 26.8392, 43.5137

Monochromacy



Original Color

24.8284, 26.9720, 53.1877

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.6323, 25.4014, 35.5557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8284, 26.9720, 53.1877 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(99, 146, 191)` looks like.

```
.text, #text, p{  
    color:rgb(99, 146, 191)  
}
```

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(99, 146, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 146, 191) }
```

Border

The CSS property to change the border of an element to XYZ 24.8284, 26.9720, 53.1877 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(99, 146, 191) }
```


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

```
.border{ border-color:rgb(99, 146, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 146, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 146, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 146, 191);  
box-shadow:4px 4px 4px 4px rgb(99, 146,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8284, 26.9720, 53.1877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 146, 191) }
```

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

```
.background{ background-color: rgb(99, 146,  
191) }
```

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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