

Converting Colors

XYZ(24.0920, 25.6194, 46.3231)

Have a look what the booklet for
XYZ(24.0920, 25.6194, 46.3231)
contains.

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Color

**XYZ(24.0920, 25.6194,
46.3231)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8DB3
RGB	110, 141, 179
RGB Percent	43%, 55%, 70%
CMY	0.5686, 0.4470, 0.2980
CMYK	0.39, 0.21, 0.00, 0.30
HSL	213°, 31%, 57%
HSV	213°, 39%, 70%
XYZ	24.0920, 25.6194, 46.3231
YIQ	136.0630, -30.6740, 5.2460

Conversions

Conversions Part 2

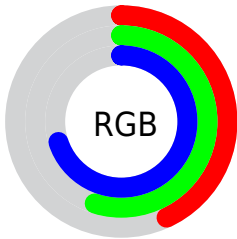
Format	Color
R_{YB}	110, 131, 179
Decimal	7245235
CIE _{Lab}	57.67, -1.13, -23.40
CIE _{LCh}	58, 23.424, 267.241
Yxy	25.6194, 0.2509, 0.2668
Android (android.graphics.Color)	4285435315 (0xFF6E8DB3)
YUV	136.0630, 21.1679, -22.8573
Hunter-Lab	50.6156, -3.6150, -18.8309

Details

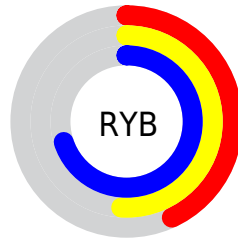
The XYZ color **24.0920, 25.6194, 46.3231** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **31.9955, 31.8901, 19.2219**, and the grayscale version is **23.3575, 24.5739, 26.7610**.

A 20% lighter version of the original color is **49.8203, 52.9209, 86.1862**, and **9.2519, 9.8881, 21.1596** is the 20% darker color. If you saturate the color by 10%, you get **20.6964, 21.8068, 45.7666**, and if you desaturate by 10%, it is **28.0685, 29.9247, 46.9450**.

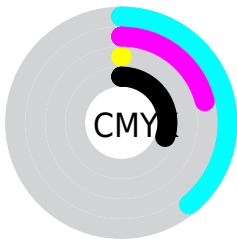
Distribution



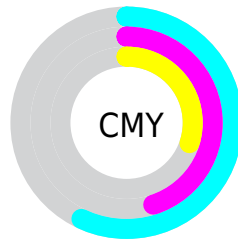
- Red (43%)
- Green (55%)
- Blue (70%)



- Red (43%)
- Yellow (51%)
- Blue (70%)



- Cyan (39%)
- Magenta (21%)
- Yellow (0%)
- Black (30%)



- Cyan (57%)
- Magenta (45%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0920, 25.6194, 46.3231 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 24.0920, 25.6194, 46.3231 by changing the saturation by 10% instead.

■ 24.0920, 25.6194,
46.3231

■ 24.0920, 25.6194,
46.3231

265.7171,
280.9087, 388.4214

■ 15.5270, 16.5391,
32.1504

■ 49.6339, 52.6603,
86.0417

■ 9.2788, 9.9065,
21.2106

■ 67.3414, 71.3897,
112.4247

■ 4.9820, 5.3370,
13.0853

■ 88.8272, 94.1043,
143.7147

■ 2.2714, 2.4463,
7.3559

■ 114.4566,
121.1885, 180.3305

■ 0.7800, 0.8496,
3.6038

144.5949,
153.0266, 222.6905

■ 0.0000, 0.0000,
1.4106

179.6076,

■ 0.0000, 0.0000,

190.0031, 271.2133

0.1500

219.8598,
232.5023, 326.3174

■ 0.0000, 0.0000,
0.0000

■ 24.0920, 25.6194,
46.3231

■ 24.0920, 25.6194,
46.3231

■ 20.6964, 21.8068,
45.7666

■ 28.0685, 29.9247,
46.9450

■ 17.8487, 18.4631,
45.2713

■ 32.6517, 34.7391,
47.6327

■ 15.5160, 15.5668,
44.8352

■ 37.8686, 40.0818,
48.3890

■ 13.6603, 13.0930,
44.4555

■ 43.7438, 45.9698,
49.2158

■ 12.2379, 11.0133,
44.1291

■ 50.3008, 52.4196,
50.1152

■ 11.1757, 9.2841,
43.8513

■ 57.5614, 59.4467,
51.0888

■ 11.0363, 9.0539,
43.8142

■ 65.5469, 67.0660,
52.1386

■ 74.2773, 75.2920,
53.2663

■ 77.5970, 80.9551,
54.1844

Harmonies

Analogous

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



21.5495, 25.6194, 42.9896



24.0920, 25.6194, 46.3231



26.9012, 25.6194, 43.9884

Triad

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



24.0920, 25.6194, 46.3231



29.4624, 25.6194, 21.4108



20.0943, 25.6194, 20.3502

Complementary

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



24.0920, 25.6194, 46.3231



31.9955, 31.8901, 19.2219

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.



21.9663, 25.6194, 16.3011



24.0920, 25.6194, 46.3231



27.3842, 25.6194, 16.8259

Square

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



24.0920, 25.6194, 46.3231



30.1390, 25.6194, 28.6447



24.6108, 25.6194, 15.1457



19.3550, 25.6194, 27.1589

Rectangle

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



24.0920, 25.6194, 46.3231



28.5249, 25.6194, 39.7389



24.6108, 25.6194, 15.1457



20.6046, 25.6194, 18.6749

Sweetspot

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



24.0928, 25.6204, 46.3237



64.2697, 68.1739, 86.1527



27.8926, 37.6924, 33.8023



13.9713, 14.8303, 19.0484



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



24.0928, 25.6204, 46.3237



38.0692, 40.2007, 82.1342



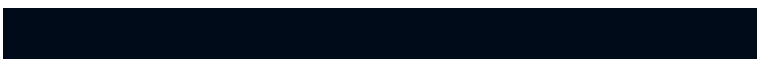
20.5816, 17.9482, 45.0279



8.3458, 8.8379, 10.7723



7.8619, 6.5241, 30.9819



0.3059, 0.3223, 0.9943

Inverse Universe

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



28.9748, 22.6596, 28.0468



48.2359, 34.9366, 43.8704



36.7381, 42.5443, 21.0284



8.6498, 8.5666, 9.6541



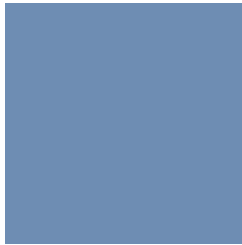
14.2030, 7.1987, 6.2288



0.4764, 0.2383, 0.3515

Previews

White Background



This preview shows how the XYZ color 24.0920, 25.6194, 46.3231 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 24.0920, 25.6194, 46.3231 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

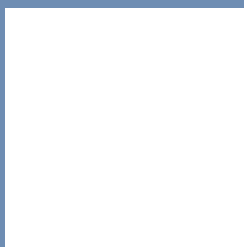
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0920, 25.6194, 46.3231

Background



This preview shows how black text looks on a background with the XYZ color 24.0920, 25.6194, 46.3231.



This preview shows how white text looks on a background with the XYZ color 24.0920, 25.6194,

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

24.0920, 25.6194, 46.3231

Protanopia

25.6842, 25.6151, 44.6648

Deuteranopia

26.0956, 25.5707, 46.7403



Tritanopia

21.9201, 25.6282, 35.6897

Trichromacy



Original Color

24.0920, 25.6194, 46.3231

Protanomaly

24.9094, 25.4162, 45.1879

Deuteranomaly

25.3527, 25.6098, 46.7870

Tritanomaly

22.7086, 25.7273, 39.3663

Monochromacy



Original Color

24.0920, 25.6194, 46.3231

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.5084, 24.9560, 33.2837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0920, 25.6194, 46.3231 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(110, 141, 179)` looks like.

```
.text, #text, p{  
    color:rgb(110, 141, 179)  
}
```

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(110, 141, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 141, 179) }
```

Border

The CSS property to change the border of an element to XYZ 24.0920, 25.6194, 46.3231 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(110, 141, 179) }
```


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

```
.border{ border-color:rgb(110, 141, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 141, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 141, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 141, 179);  
box-shadow:4px 4px 4px 4px rgb(110, 141,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0920, 25.6194, 46.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 141, 179) }
```

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

```
.background{ background-color: rgb(110,  
141, 179) }
```

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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