

Converting Colors

XYZ(24.3584, 25.6206, 42.0179)

Have a look what the booklet for
XYZ(24.3584, 25.6206, 42.0179)
contains.

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Color

**XYZ(24.3365, 25.6184,
42.1902)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 778CAB |
| RGB | 119, 140, 171 |
| RGB Percent | 47%, 55%, 67% |
| CMY | 0.5333, 0.4510, 0.3294 |
| CMYK | 0.30, 0.18, 0.00, 0.33 |
| HSL | 216°, 24%, 57% |
| HSV | 216°, 30%, 67% |
| XYZ | 24.3365, 25.6184, 42.1902 |
| YIQ | 137.2550, -22.4670, 5.1890 |

Conversions

Conversions Part 2

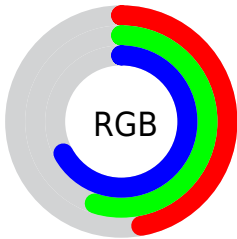
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 119, 134, 171 |
| Decimal | 7834795 |
| CIE _{Lab} | 57.67, -0.06, -18.79 |
| CIE _{LCh} | 58, 18.785, 269.827 |
| Yxy | 25.6184, 0.2641, 0.2780 |
| Android (android.graphics.Color) | 4286024875 (0xFF778CAB) |
| YUV | 137.2550, 16.6363, -16.0096 |
| Hunter-Lab | 50.6146, -2.7493, -13.9914 |

Details

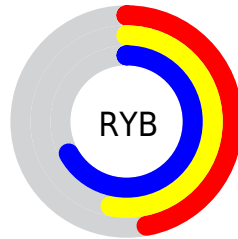
The XYZ color **24.3365, 25.6184, 42.1902** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **31.0310, 31.8027, 21.9565**, and the grayscale version is **23.8201, 25.0606, 27.2909**.

A 20% lighter version of the original color is **49.8107, 52.4016, 79.4407**, and **9.4402, 9.9094, 18.8679** is the 20% darker color. If you saturate the color by 10%, you get **20.7764, 21.6739, 41.6169**, and if you desaturate by 10%, it is **28.4585, 30.0587, 42.8304**.

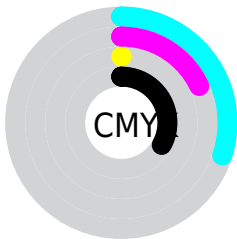
Distribution



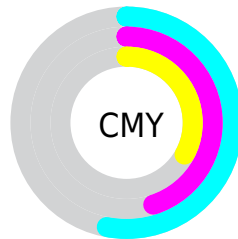
- Red (47%)
- Green (55%)
- Blue (67%)



- Red (47%)
- Yellow (53%)
- Blue (67%)



- Cyan (30%)
- Magenta (18%)
- Yellow (0%)
- Black (33%)



- Cyan (53%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3365, 25.6184, 42.1902 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 24.3365, 25.6184, 42.1902 by changing the saturation by 10% instead.

■ 24.3365, 25.6184,
42.1902

■ 24.3365, 25.6184,
42.1902

266.9263,
280.9038, 371.0937

■ 15.7095, 16.5384,
28.9236

■ 50.0295, 52.6587,
79.7606

■ 9.4084, 9.9059,
18.7779

■ 67.8261, 71.3877,
104.9014

■ 5.0677, 5.3366,
11.3347

■ 89.4101, 94.1019,
134.8375

■ 2.3222, 2.4461,
6.1755

115.1466,
121.1857, 169.9871

■ 0.8060, 0.8495,
2.8816

145.4012,
153.0233, 210.7691

■ 0.0000, 0.0000,
1.0345

180.5391,

■ 0.0000, 0.0000,

189.9993, 257.6018

0.0000

220.9257,
232.4980, 310.9038

■ 24.3365, 25.6184,
42.1902

■ 24.3365, 25.6184,
42.1902

■ 20.7764, 21.6739,
41.6169

■ 28.4585, 30.0587,
42.8304

■ 17.7494, 18.2029,
41.1065

■ 33.1645, 35.0096,
43.5380

■ 15.2276, 15.1860,
40.6571

■ 38.4783, 40.4892,
44.3156

■ 13.1794, 12.6007,
40.2660

■ 44.4217, 46.5136,
45.1652

■ 11.5693, 10.4223,
39.9304

■ 51.0153, 53.0983,
46.0887

■ 10.3558, 8.6229,
39.6470

■ 58.2788, 60.2580,
47.0878

■ 9.4827, 7.2042,
39.4192

■ 66.2308, 68.0069,
48.1644

■ 74.5937, 76.2061,
49.3062

■ 77.3764, 81.7715,
50.2338

Harmonies

Analogous

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



22.2416, 25.6184, 40.0193



24.3365, 25.6184, 42.1902



26.5627, 25.6184, 40.0667

Triad

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



24.3365, 25.6184, 42.1902



28.2940, 25.6184, 22.1802



20.8015, 25.6184, 22.1248

Complementary

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



24.3365, 25.6184, 42.1902



31.0310, 31.8027, 21.9565

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.



22.2628, 25.6184, 18.4763



24.3365, 25.6184, 42.1902



26.5866, 25.6184, 18.5047

Square

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



24.3365, 25.6184, 42.1902



28.9314, 25.6184, 27.9314



24.3625, 25.6184, 17.2584



20.2789, 25.6184, 27.8568

Rectangle

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



24.3365, 25.6184, 42.1902



27.8029, 25.6184, 36.6634



24.3625, 25.6184, 17.2584



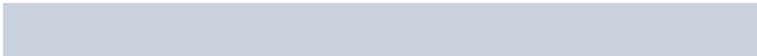
21.1946, 25.6184, 20.6480

Sweetspot

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



24.3373, 25.6194, 42.1908



60.5239, 63.8734, 78.1407



27.6227, 35.2288, 33.9180



13.2112, 13.9467, 17.3834



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



24.3373, 25.6194, 42.1908



39.4997, 41.3800, 74.9072



22.1643, 20.3702, 41.2921



7.8345, 8.2684, 10.1357



7.1974, 5.5287, 29.7323



0.2548, 0.2629, 0.8453

Inverse Universe

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



28.1257, 23.7457, 27.9131



47.4123, 37.9125, 44.9859



33.7592, 38.6374, 23.1319



8.1343, 8.0670, 9.0179



13.4966, 6.8612, 4.9944



0.4030, 0.2019, 0.2839

Previews

White Background



This preview shows how the XYZ color 24.3365, 25.6184, 42.1902 looks on a white background.

Color Contrast Check

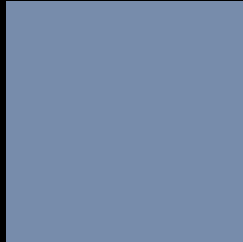
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3365, 25.6184, 42.1902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

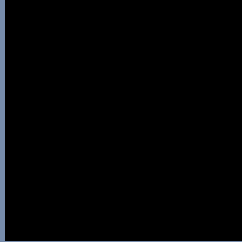
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.3365, 25.6184, 42.1902

Background



This preview shows how black text looks on a background with the XYZ color 24.3365, 25.6184, 42.1902.

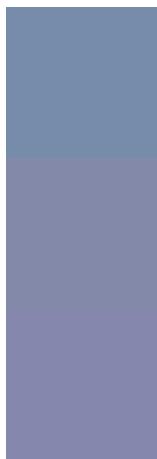


This preview shows how white text looks on a background with the XYZ color 24.3365, 25.6184,

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

24.3365, 25.6184, 42.1902

Protanopia

25.4672, 25.5812, 41.1315

Deuteranopia

25.9419, 25.3748, 42.5603



Tritanopia

22.7254, 25.6229, 34.3198

Trichromacy



Original Color

24.3365, 25.6184, 42.1902

Protanomaly

25.0966, 25.5913, 41.6471

Deuteranomaly

25.4453, 25.5370, 42.6177

Tritanomaly

23.2206, 25.5971, 36.9746

Monochromacy



Original Color

24.3365, 25.6184, 42.1902

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.7192, 25.0927, 32.0270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3365, 25.6184, 42.1902 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(119, 140, 171)` looks like.

```
.text, #text, p{  
    color:rgb(119, 140, 171)  
}
```

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(119, 140, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 140, 171) }
```

Border

The CSS property to change the border of an element to XYZ 24.3365, 25.6184, 42.1902 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(119, 140, 171) }
```


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

```
.border{ border-color:rgb(119, 140, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 140, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 140, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 140, 171);  
box-shadow:4px 4px 4px 4px rgb(119, 140,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3365, 25.6184, 42.1902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 140, 171) }
```

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

```
.background{ background-color: rgb(119,  
140, 171) }
```

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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