

Converting Colors

XYZ(21.3128, 24.0387, 39.1144)

Have a look what the booklet for
XYZ(21.3128, 24.0387, 39.1144)
contains.

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Color

**XYZ(21.4251, 24.1821,
39.1357)**

Conversions

Conversions Part 1

Format	Color
Hex	648CA5
RGB	100, 140, 165
RGB Percent	39%, 55%, 65%
CMY	0.6078, 0.4510, 0.3529
CMYK	0.39, 0.15, 0.00, 0.35
HSL	203°, 27%, 52%
HSV	203°, 39%, 65%
XYZ	21.4251, 24.1821, 39.1357
YIQ	130.8900, -31.8650, -0.7050

Conversions

Conversions Part 2

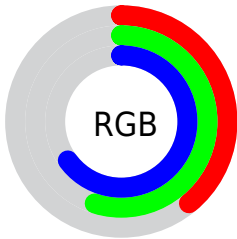
Format	Color
R_{YB}	100, 125, 165
Decimal	6589605
CIE _{Lab}	56.27, -7.21, -17.60
CIE _{LCh}	56, 19.017, 247.721
Yxy	24.1821, 0.2528, 0.2854
Android (android.graphics.Color)	4284779685 (0xFF648CA5)
YUV	130.8900, 16.8162, -27.0905
Hunter-Lab	49.1753, -8.2864, -12.7627

Details

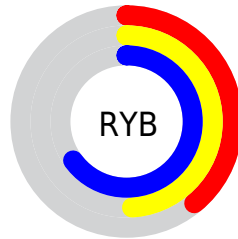
The XYZ color **21.4251, 24.1821, 39.1357** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **25.1513, 23.5870, 15.2843**, and the grayscale version is **21.4848, 22.6037, 24.6154**.

A 20% lighter version of the original color is **45.3469, 50.5232, 75.0721**, and **7.9034, 9.1576, 16.9738** is the 20% darker color. If you saturate the color by 10%, you get **18.8811, 21.5340, 38.7591**, and if you desaturate by 10%, it is **24.3937, 27.1296, 39.5486**.

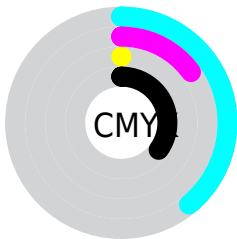
Distribution



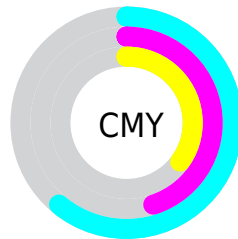
- Red (39%)
- Green (55%)
- Blue (65%)



- Red (39%)
- Yellow (49%)
- Blue (65%)



- Cyan (39%)
- Magenta (15%)
- Yellow (0%)
- Black (35%)



- Cyan (61%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4251, 24.1821, 39.1357 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 21.4251, 24.1821, 39.1357 by changing the saturation by 10% instead.

■ 21.4251, 24.1821,
39.1357

■ 21.4251, 24.1821,
39.1357

252.2183,
273.7398, 357.9103

■ 13.5493, 15.4688,
26.5567

■ 45.2799, 50.3272,
75.0682

■ 7.8875, 9.1490,
17.0111

■ 61.9897, 68.5277,
99.2587

■ 4.0742, 4.8385,
10.0803

■ 82.3748, 90.6595,
128.1569

■ 1.7442, 2.1528,
5.3460

■ 106.8006,
117.1068, 162.1811

■ 0.4837, 0.6941,
2.3894

135.6325,
148.2541, 201.7501

■ 0.0000, 0.0000,
0.7807

169.2359,

■ 0.0000, 0.0000,

184.4858, 247.2822

0.0000

207.9760,
226.1862, 299.1961

■ 21.4251, 24.1821,
39.1357

■ 21.4251, 24.1821,
39.1357

■ 18.8811, 21.5340,
38.7591

■ 24.3937, 27.1296,
39.5486

■ 16.7361, 19.1692,
38.4157

■ 27.8062, 30.3859,
39.9973

■ 14.9650, 17.0738,
38.1046

■ 31.6830, 33.9637,
40.4835

■ 13.5387, 15.2315,
37.8241

■ 36.0430, 37.8737,
41.0084

■ 12.4233, 13.6233,
37.5725

■ 40.9036, 42.1262,
41.5731

■ 11.5484, 12.2116,
37.3461

■ 46.2815, 46.7310,
42.1784

■ 11.4981, 12.1296,
37.3330

■ 52.1926, 51.6973,
42.8255

■ 58.6519, 57.0342,
43.5152

■ 65.6742, 62.7502,
44.2483

Harmonies

Analogous

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



19.8128, 24.1821, 34.4163



21.4251, 24.1821, 39.1357



23.5546, 24.1821, 40.1746

Triad

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



21.4251, 24.1821, 39.1357



27.4132, 24.1821, 24.7435



20.5039, 24.1821, 17.8990

Complementary

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



21.4251, 24.1821, 39.1357



25.1513, 23.5870, 15.2843

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.



22.4234, 24.1821, 16.0994



21.4251, 24.1821, 39.1357



26.4775, 24.1821, 19.6216

Square

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



21.4251, 24.1821, 39.1357



27.1038, 24.1821, 31.1703



24.6175, 24.1821, 16.6758



19.3050, 24.1821, 22.0190

Rectangle

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



21.4251, 24.1821, 39.1357



24.9986, 24.1821, 38.5091



24.6175, 24.1821, 16.6758



21.0813, 24.1821, 17.0350

Sweetspot

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



21.4259, 24.1830, 39.1363



54.6923, 58.9550, 72.2492



22.4075, 31.0986, 24.1964



11.7695, 12.7166, 15.7718



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



21.4259, 24.1830, 39.1363



34.4649, 39.2585, 69.5135



17.3663, 16.0640, 37.7831



7.0462, 7.5515, 8.9893



8.7477, 9.2748, 28.2589



0.2275, 0.2822, 0.6083

Inverse Universe

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



24.8084, 19.0077, 27.1733



41.5392, 29.3683, 44.2849



29.9454, 33.1751, 16.8823



7.2483, 7.1558, 8.2940



13.5609, 6.7804, 10.1443



0.3070, 0.1513, 0.3292

Previews

White Background



This preview shows how the XYZ color 21.4251, 24.1821, 39.1357 looks on a white background.

Color Contrast Check

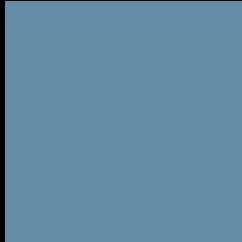
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4251, 24.1821, 39.1357 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 21.4251, 24.1821, 39.1357

Background



This preview shows how black text looks on a background with the XYZ color 21.4251, 24.1821, 39.1357.



This preview shows how white text looks on a background with the XYZ color 21.4251, 24.1821,

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

21.4251, 24.1821, 39.1357

Protanopia

23.7860, 23.9803, 36.6327

Deuteranopia

24.5864, 24.1178, 39.9186



Tritanopia

20.3525, 24.1873, 33.7329

Trichromacy



Original Color

21.4251, 24.1821, 39.1357

Protanomaly

22.7970, 24.0685, 37.6266

Deuteranomaly

23.2926, 24.0742, 39.4955

Tritanomaly

20.6477, 24.0807, 35.4581

Monochromacy



Original Color

21.4251, 24.1821, 39.1357

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.2288, 23.0264, 29.3123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4251, 24.1821, 39.1357 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(100, 140, 165)` looks like.

```
.text, #text, p{  
    color:rgb(100, 140, 165)  
}
```

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(100, 140, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 140, 165) }
```

Border

The CSS property to change the border of an element to XYZ 21.4251, 24.1821, 39.1357 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(100, 140, 165) }
```


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

```
.border{ border-color:rgb(100, 140, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 140, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 140, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 140, 165);  
box-shadow:4px 4px 4px 4px rgb(100, 140,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4251, 24.1821, 39.1357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 140, 165) }
```

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

```
.background{ background-color: rgb(100,  
140, 165) }
```

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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