

Converting Colors

XYZ(20.3751, 21.6508, 35.0034)

Have a look what the booklet for
XYZ(20.3751, 21.6508, 35.0034)
contains.

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Color

**XYZ(20.3751, 21.6508,
35.0034)**

Conversions

Conversions Part 1

Format	Color
Hex	6D829D
RGB	109, 130, 157
RGB Percent	43%, 51%, 62%
CMY	0.5725, 0.4902, 0.3843
CMYK	0.31, 0.17, 0.00, 0.38
HSL	214°, 20%, 52%
HSV	214°, 31%, 62%
XYZ	20.3751, 21.6508, 35.0034
YIQ	126.7990, -21.1830, 3.9450

Conversions

Conversions Part 2

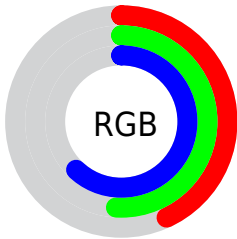
Format	Color
R_{YB}	109, 124, 157
Decimal	7176861
CIE _{Lab}	53.65, -0.99, -16.91
CIE _{LCh}	54, 16.943, 266.643
Yxy	21.6508, 0.2645, 0.2811
Android (android.graphics.Color)	4285366941 (0xFF6D829D)
YUV	126.7990, 14.8891, -15.6097
Hunter-Lab	46.5304, -3.2653, -12.0307

Details

The XYZ color **20.3751, 21.6508, 35.0034** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **25.4694, 25.8807, 18.1217**, and the grayscale version is **20.0602, 21.1049, 22.9832**.

A 20% lighter version of the original color is **43.7174, 46.3018, 68.9203**, and **7.4074, 7.8861, 14.7674** is the 20% darker color. If you saturate the color by 10%, you get **17.4890, 18.4938, 34.5465**, and if you desaturate by 10%, it is **23.7084, 25.1890, 35.5110**.

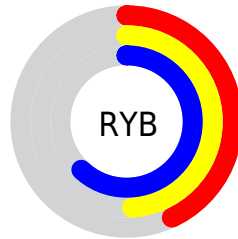
Distribution



Red (43%)

Green (51%)

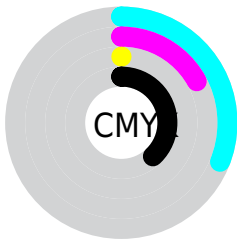
Blue (62%)



Red (43%)

Yellow (49%)

Blue (62%)

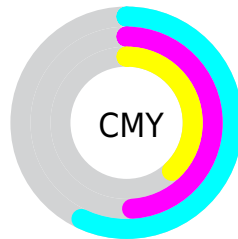


Cyan (31%)

Magenta (17%)

Yellow (0%)

Black (38%)



Cyan (57%)

Magenta (49%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3751, 21.6508, 35.0034 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 20.3751, 21.6508, 35.0034 by changing the saturation by 10% instead.

■ 20.3751, 21.6508,
35.0034

■ 20.3751, 21.6508,
35.0034

246.7336,
260.7172, 339.4881

■ 12.7778, 13.6005,
23.3819

■ 43.5443, 46.1682,
68.6427

■ 7.3517, 7.8434,
14.6678

■ 59.8470, 63.4041,
91.4975

■ 3.7313, 3.9949,
8.4426

■ 79.7822, 84.4706,
118.9339

■ 1.5513, 1.6707,
4.2876

■ 103.7153,
109.7522, 151.3704

■ 0.3603, 0.4046,
1.7844

132.0117,
139.6333, 189.2256

■ 0.0000, 0.0000,
0.4176

165.0366,

■ 0.0000, 0.0000,

174.4982, 232.9178

0.0000

203.1555,
214.7314, 282.8658

■ 20.3751, 21.6508,
35.0034

■ 20.3751, 21.6508,
35.0034

■ 17.4890, 18.4938,
34.5465

■ 23.7084, 25.1890,
35.5110

■ 15.0271, 15.7010,
34.1372

■ 27.5064, 29.1195,
36.0695

■ 12.9674, 13.2575,
33.7741

■ 31.7878, 33.4560,
36.6809

■ 11.2850, 11.1466,
33.4554

■ 36.5699, 38.2108,
37.3466

■ 9.9517, 9.3493,
33.1787

■ 41.8690, 43.3955,
38.0681

■ 8.9347, 7.8444,
32.9418

■ 47.7007, 49.0214,
38.8466

■ 8.1951, 6.6527,
32.7508

■ 54.0799, 55.0992,
39.6835

■ 61.0209, 61.6393,
40.5801

■ 68.5375, 68.6516,
41.5374

Harmonies

Analogous

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



18.7216, 21.6508, 32.9287



20.3751, 21.6508, 35.0034



22.1806, 21.6508, 33.6642

Triad

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



20.3751, 21.6508, 35.0034



23.8522, 21.6508, 19.3768



17.8034, 21.6508, 18.5023

Complementary

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



20.3751, 21.6508, 35.0034



25.4694, 25.8807, 18.1217

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.



19.0553, 21.6508, 15.7331



20.3751, 21.6508, 35.0034



22.5542, 21.6508, 16.1835

Square

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



20.3751, 21.6508, 35.0034



24.2560, 21.6508, 24.1631



20.7831, 21.6508, 14.9504



17.2927, 21.6508, 22.9946

Rectangle

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



20.3751, 21.6508, 35.0034



23.2169, 21.6508, 31.1091



20.7831, 21.6508, 14.9504



18.1478, 21.6508, 17.3660

Sweetspot

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



20.3758, 21.6517, 35.0039



50.2805, 53.1918, 64.7437



22.7655, 29.1261, 27.4922



10.8456, 11.4814, 14.2149



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



20.3758, 21.6517, 35.0039



32.7198, 34.6696, 62.0941



18.1610, 16.7777, 34.1799



6.5116, 6.8889, 8.3932



6.6915, 5.4746, 26.6113



0.1610, 0.1807, 0.4896

Inverse Universe

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



23.4031, 19.7177, 23.6924



39.1702, 31.0042, 37.8903



28.2586, 32.1475, 19.1843



6.7476, 6.6919, 7.5217



12.1758, 6.1749, 5.1767



0.2386, 0.1188, 0.2026

Previews

White Background



This preview shows how the XYZ color 20.3751, 21.6508, 35.0034 looks on a white background.

Color Contrast Check

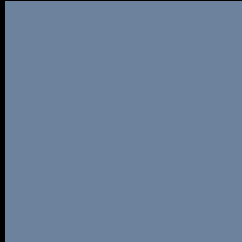
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.3751, 21.6508, 35.0034 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

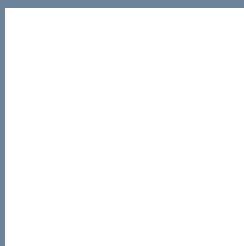
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.3751, 21.6508, 35.0034

Background



This preview shows how black text looks on a background with the XYZ color 20.3751, 21.6508, 35.0034.



This preview shows how white text looks on a background with the XYZ color 20.3751, 21.6508,

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

20.3751, 21.6508, 35.0034

Protanopia

21.5318, 21.6829, 34.0607

Deuteranopia

21.9626, 21.4958, 35.3393



Tritanopia

19.1530, 21.5499, 29.1367

Trichromacy



Original Color

20.3751, 21.6508, 35.0034

Protanomaly

21.0560, 21.6206, 34.5159

Deuteranomaly

21.3687, 21.5693, 35.3848

Tritanomaly

19.5250, 21.4965, 31.1371

Monochromacy



Original Color

20.3751, 21.6508, 35.0034

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.0523, 21.2664, 27.0927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3751, 21.6508, 35.0034 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(109, 130, 157)` looks like.

```
.text, #text, p{  
    color:rgb(109, 130, 157)  
}
```

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(109, 130, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 130, 157) }
```

Border

The CSS property to change the border of an element to XYZ 20.3751, 21.6508, 35.0034 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(109, 130, 157) }
```


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

```
.border{ border-color:rgb(109, 130, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 130, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 130, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 130, 157);  
box-shadow:4px 4px 4px 4px rgb(109, 130,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3751, 21.6508, 35.0034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 130, 157) }
```

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

```
.background{ background-color: rgb(109,  
130, 157) }
```

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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