

Converting Colors

XYZ(21.5446, 20.0791, 56.1662)

Have a look what the booklet for
XYZ(21.5446, 20.0791, 56.1662)
contains.

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Color

**XYZ(21.5446, 20.0791,
56.1662)**

Conversions

Conversions Part 1

Format	Color
Hex	5D79C6
RGB	93, 121, 198
RGB Percent	36%, 47%, 78%
CMY	0.6353, 0.5255, 0.2235
CMYK	0.53, 0.39, 0.00, 0.22
HSL	224°, 48%, 57%
HSV	224°, 53%, 78%
XYZ	21.5446, 20.0791, 56.1662
YIQ	121.4060, -41.4050, 18.0110

Conversions

Conversions Part 2

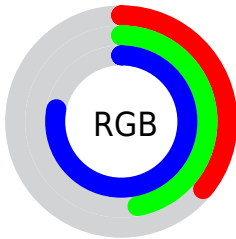
Format	Color
R _Y B	93, 115, 198
Decimal	6126022
CIE Lab	51.93, 12.08, -43.28
CIE LCh	52, 44.937, 285.588
Yxy	20.0791, 0.2203, 0.2053
Android (android.graphics.Color)	4284316102 (0xFF5D79C6)
YUV	121.4060, 37.7608, -24.9121
Hunter-Lab	44.8097, 7.4062, -42.9496

Details

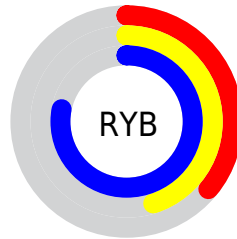
The XYZ color **21.5446, 20.0791, 56.1662** is a dark color, and the websafe version is hex **666699**. The color can be described as middle muted azure. A complement of this color would be **39.6403, 41.5472, 16.2872**, and the grayscale version is **18.1971, 19.1448, 20.8487**.

A 20% lighter version of the original color is **45.3880, 43.4967, 100.6112**, and **7.9817, 7.0700, 27.3295** is the 20% darker color. If you saturate the color by 10%, you get **18.1601, 15.9092, 55.5401**, and if you desaturate by 10%, it is **25.7151, 25.0490, 56.9061**.

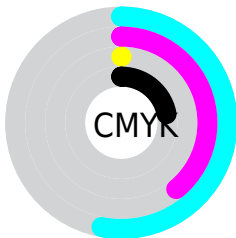
Distribution



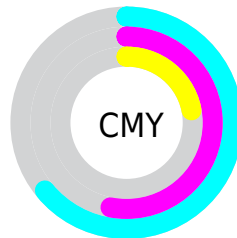
- Red (36%)
- Green (47%)
- Blue (78%)



- Red (36%)
- Yellow (45%)
- Blue (78%)



- Cyan (53%)
- Magenta (39%)
- Yellow (0%)
- Black (22%)



- Cyan (64%)
- Magenta (53%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5446, 20.0791, 56.1662 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 21.5446, 20.0791, 56.1662 by changing the saturation by 10% instead.

■ 21.5446, 20.0791,
56.1662

■ 21.5446, 20.0791,
56.1662

252.8361,
252.3430, 427.7234

■ 13.6374, 12.4526,
39.9313

■ 45.4766, 43.5498,
100.7358

■ 7.9489, 7.0527,
27.1716

■ 62.2322, 60.1627,
129.9075

■ 4.1138, 3.4951,
17.4686

■ 82.6679, 80.5398,
164.2286

■ 1.7667, 1.3953,
10.4037

■ 107.1491,
105.0656, 204.1176

■ 0.4975, 0.2133,
5.5583

136.0411,
134.1244, 249.9930

■ 0.0000, 0.0000,
2.5140

169.7094,

■ 0.0000, 0.0000,

168.1007, 302.2735

0.8476

208.5193,
207.3787, 361.3774

■ 0.0000, 0.0000,
0.0000

■ 21.5446, 20.0791,
56.1662

■ 21.5446, 20.0791,
56.1662

■ 18.1601, 15.9092,
55.5401

■ 25.7151, 25.0490,
56.9061

■ 15.5064, 12.4926,
55.0205

■ 30.7169, 30.8580,
57.7637

■ 13.5246, 9.7802,
54.6014

■ 36.5944, 37.5447,
58.7446

■ 12.1443, 7.7152,
54.2756

■ 43.3883, 45.1448,
59.8535

■ 11.4569, 6.6049,
54.0975

■ 51.1364, 53.6919,
61.0949

■ 59.8746, 63.2178,
62.4730

■ 69.6367, 73.7528,
63.9919

■ 80.4550, 85.3260,
65.6556

■ 86.1449, 94.7608,
67.1768

Harmonies

Analogous

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



16.9799, 20.0791, 56.4173



21.5446, 20.0791, 56.1662



26.0749, 20.0791, 44.6269

Triad

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



21.5446, 20.0791, 56.1662



25.9183, 20.0791, 8.3629



11.7762, 20.0791, 16.1781

Complementary

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



21.5446, 20.0791, 56.1662



39.6403, 41.5472, 16.2872

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.



13.4706, 20.0791, 8.5568



21.5446, 20.0791, 56.1662



21.3563, 20.0791, 5.4245

Square

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



21.5446, 20.0791, 56.1662



28.8617, 20.0791, 15.7735



16.8193, 20.0791, 5.4774



11.8101, 20.0791, 29.3465

Rectangle

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



21.5446, 20.0791, 56.1662



28.2567, 20.0791, 34.0005



16.8193, 20.0791, 5.4774



12.1491, 20.0791, 13.0238

Sweetspot

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



21.5454, 20.0798, 56.1667



72.7866, 75.4395, 105.3328



31.9648, 45.6182, 45.1516



15.0359, 15.5399, 22.4570



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



21.5454, 20.0798, 56.1667



31.1519, 26.9015, 98.1584



21.5119, 15.7237, 55.3277



10.2829, 10.7399, 13.4485



7.5116, 4.4171, 35.2010



0.4172, 0.3322, 1.6873

Inverse Universe

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



30.6549, 21.2159, 20.5691



49.4454, 30.6379, 26.3464



39.5150, 50.1204, 17.9486



10.7481, 10.6826, 11.6567



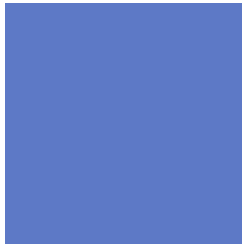
15.5908, 7.9859, 3.0552



0.7693, 0.3906, 0.3082

Previews

White Background



This preview shows how the XYZ color 21.5446, 20.0791, 56.1662 looks on a white background.

Color Contrast Check

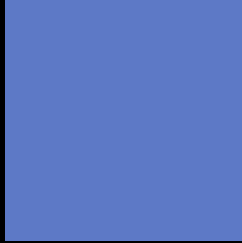
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5446, 20.0791, 56.1662 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 21.5446, 20.0791, 56.1662

Background



This preview shows how black text looks on a background with the XYZ color 21.5446, 20.0791, 56.1662.

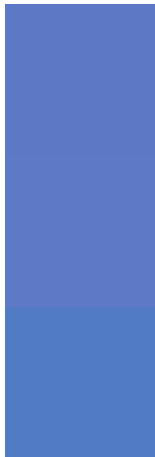


This preview shows how white text looks on a background with the XYZ color 21.5446, 20.0791,

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

21.5446, 20.0791, 56.1662

Protanopia

21.6465, 20.1316, 56.1710

Deuteranopia

20.6790, 20.1959, 55.6316



Tritanopia

16.1695, 20.2141, 29.0361

Trichromacy



Original Color

21.5446, 20.0791, 56.1662

Protanomaly

21.6465, 20.1316, 56.1710

Deuteranomaly

20.9073, 20.1284, 55.6066

Tritanomaly

17.8545, 20.0942, 37.5879

Monochromacy



Original Color

21.5446, 20.0791, 56.1662

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.8177, 19.2242, 31.1526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5446, 20.0791, 56.1662 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(93, 121, 198)` looks like.

```
.text, #text, p{  
    color:rgb(93, 121, 198)  
}
```

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(93, 121, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 121, 198) }
```

Border

The CSS property to change the border of an element to XYZ 21.5446, 20.0791, 56.1662 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(93, 121, 198) }
```


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

```
.border{ border-color:rgb(93, 121, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 121, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 121, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 121, 198);  
box-shadow:4px 4px 4px 4px rgb(93, 121,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5446, 20.0791, 56.1662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 121, 198) }
```

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

```
.background{ background-color: rgb(93, 121,  
198) }
```

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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