

Converting Colors

XYZ(19.6016, 21.6690, 31.3338)

Have a look what the booklet for
XYZ(19.6016, 21.6690, 31.3338)
contains.

XYZ(19.6600, 21.7664, 31.1821)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.6600, 21.7664,
31.1821)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8494
RGB	107, 132, 148
RGB Percent	42%, 52%, 58%
CMY	0.5804, 0.4823, 0.4196
CMYK	0.28, 0.11, 0.00, 0.42
HSL	203°, 16%, 50%
HSV	203°, 28%, 58%
XYZ	19.6600, 21.7664, 31.1821
YIQ	126.3490, -20.0360, -0.3240

Conversions

Conversions Part 2

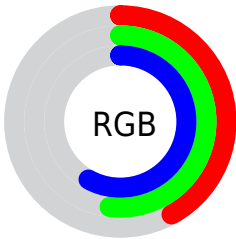
Format	Color
RYB	107, 123, 148
Decimal	7046292
CIELab	53.78, -5.07, -11.52
CIElCh	54, 12.587, 246.257
Yxy	21.7664, 0.2708, 0.2998
Android (android.graphics.Color)	4285236372 (0xFF6B8494)
YUV	126.3490, 10.6739, -16.9691
Hunter-Lab	46.6545, -6.4262, -6.9691

Details

The XYZ color **19.6600, 21.7664, 31.1821** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.9500, 21.5238, 16.9083**, and the grayscale version is **19.9202, 20.9576, 22.8228**.

A 20% lighter version of the original color is **42.3077, 46.3331, 62.5904**, and **6.9958, 7.9491, 12.4749** is the 20% darker color. If you saturate the color by 10%, you get **17.2692, 19.4037, 30.8524**, and if you desaturate by 10%, it is **22.4001, 24.3746, 31.5415**.

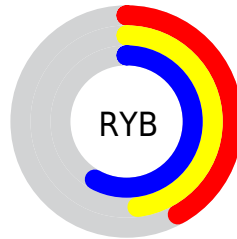
Distribution



Red (42%)

Green (52%)

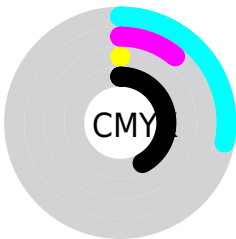
Blue (58%)



Red (42%)

Yellow (48%)

Blue (58%)

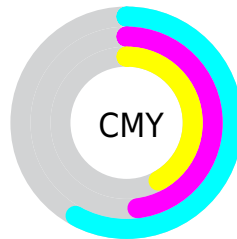


Cyan (28%)

Magenta (11%)

Yellow (0%)

Black (42%)



Cyan (58%)

Magenta (48%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6600, 21.7664, 31.1821 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 19.6600, 21.7664, 31.1821 by changing the saturation by 10% instead.

■ 19.6600, 21.7664,
31.1821

■ 19.6600, 21.7664,
31.1821

242.9373,
261.3239, 321.7535

■ 12.2550, 13.6854,
20.4779

■ 42.3547, 46.3596,
62.6096

■ 6.9910, 7.9022,
12.5554

■ 58.3751, 63.6406,
84.1700

■ 3.5028, 4.0324,
6.9960

■ 77.9980, 84.7569,
110.1862

■ 1.4249, 1.6917,
3.3812

■ 101.5887,
110.0931, 141.0768

■ 0.2738, 0.4183,
1.2924

129.5127,
140.0335, 177.2603

■ 0.0000, 0.0000,
0.0556

162.1352,

■ 0.0000, 0.0000,

174.9625, 219.1552

0.0000

199.8216,
215.2645, 267.1801

■ 19.6600, 21.7664,
31.1821

■ 19.6600, 21.7664,
31.1821

■ 17.2692, 19.4037,
30.8524

■ 22.4001, 24.3746,
31.5415

■ 15.2094, 17.2746,
30.5500

■ 25.5026, 27.2344,
31.9300

■ 13.4638, 15.3696,
30.2743

■ 28.9822, 30.3550,
32.3489

■ 12.0131, 13.6779,
30.0243

■ 32.8524, 33.7443,
32.7991

■ 10.8354, 12.1870,
29.7986

■ 37.1259, 37.4098,
33.2814

■ 9.9057, 10.8830,
29.5959

■ 41.8146, 41.3585,
33.7964

■ 9.1784, 9.7409,
29.4138

■ 46.9302, 45.5974,
34.3450

■ 9.0224, 9.4923,
29.3740

■ 52.4838, 50.1331,
34.9278

■ 58.4861, 54.9719,
35.5454

Harmonies

Analogous

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



18.6637, 21.7664, 28.3771



19.6600, 21.7664, 31.1821



20.9727, 21.7664, 31.8902

Triad

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



19.6600, 21.7664, 31.1821



23.3792, 21.7664, 22.8984



19.1899, 21.7664, 18.1932

Complementary

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



19.6600, 21.7664, 31.1821



21.9500, 21.5238, 16.9083

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.



20.4065, 21.7664, 17.0477



19.6600, 21.7664, 31.1821



22.8543, 21.7664, 19.5671

Square

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



19.6600, 21.7664, 31.1821



23.1581, 21.7664, 26.8230



21.7519, 21.7664, 17.5220



18.4006, 21.7664, 20.8291

Rectangle

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



19.6600, 21.7664, 31.1821



21.8588, 21.7664, 31.0168



21.7519, 21.7664, 17.5220



19.5604, 21.7664, 17.6350

Sweetspot

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



19.6607, 21.7673, 31.1826



44.7322, 47.8119, 56.3056



20.2113, 25.7291, 22.5476



10.0279, 10.7471, 12.8307



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.6607, 21.7673, 31.1826



32.1039, 35.8716, 54.6664



17.1796, 16.8052, 30.3556



5.7760, 6.1860, 7.3593



7.7334, 8.1617, 25.0988



0.1234, 0.1574, 0.3168

Inverse Universe

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



21.6359, 18.4779, 24.2569



36.2261, 29.3591, 40.1338



24.7221, 27.0679, 17.8323



5.9404, 5.8712, 6.7922



12.0306, 6.0173, 8.9079



0.1618, 0.0795, 0.1854

Previews

White Background



This preview shows how the XYZ color 19.6600, 21.7664, 31.1821 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 19.6600, 21.7664, 31.1821 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

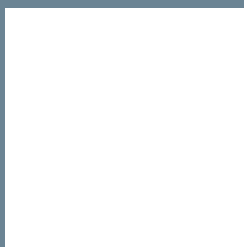
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.6600, 21.7664, 31.1821

Background



This preview shows how black text looks on a background with the XYZ color 19.6600, 21.7664, 31.1821.



This preview shows how white text looks on a background with the XYZ color 19.6600, 21.7664,

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

19.6600, 21.7664, 31.1821

Protanopia

21.3044, 21.6587, 29.8457

Deuteranopia

21.9644, 21.5830, 31.4421



Tritanopia

19.2893, 21.8224, 29.1821

Trichromacy



Original Color

19.6600, 21.7664, 31.1821

Protanomaly

20.6463, 21.6978, 30.2940

Deuteranomaly

21.1700, 21.7458, 31.5154

Tritanomaly

19.4422, 21.8836, 29.9873

Monochromacy



Original Color

19.6600, 21.7664, 31.1821

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.6300, 21.0815, 25.5888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6600, 21.7664, 31.1821 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(107, 132, 148)` looks like.

```
.text, #text, p{  
    color:rgb(107, 132, 148)  
}
```

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(107, 132, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 132, 148) }
```

Border

The CSS property to change the border of an element to XYZ 19.6600, 21.7664, 31.1821 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(107, 132, 148) }
```


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

```
.border{ border-color:rgb(107, 132, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 132, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 132, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 132, 148);  
box-shadow:4px 4px 4px 4px rgb(107, 132,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6600, 21.7664, 31.1821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 132, 148) }
```

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

```
.background{ background-color: rgb(107,  
132, 148) }
```

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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