

Converting Colors

XYZ(20.6450, 23.7014, 31.2278)

Have a look what the booklet for
XYZ(20.6450, 23.7014, 31.2278)
contains.

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Color

**XYZ(20.6834, 23.7600,
31.0998)**

Conversions

Conversions Part 1

Format	Color
Hex	6C8B93
RGB	108, 139, 147
RGB Percent	42%, 55%, 58%
CMY	0.5765, 0.4549, 0.4235
CMYK	0.27, 0.05, 0.00, 0.42
HSL	192°, 15%, 50%
HSV	192°, 27%, 58%
XYZ	20.6834, 23.7600, 31.0998
YIQ	130.6430, -21.0440, -4.0840

Conversions

Conversions Part 2

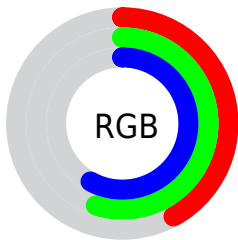
Format	Color
R_{YB}	108, 125, 147
Decimal	7113619
CIE _{Lab}	55.85, -8.94, -7.84
CIE _{LCh}	56, 11.890, 221.250
Yxy	23.7600, 0.2738, 0.3145
Android (android.graphics.Color)	4285303699 (0xFF6C8B93)
YUV	130.6430, 8.0640, -19.8579
Hunter-Lab	48.7442, -9.5604, -3.7073

Details

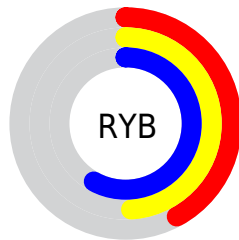
The XYZ color **20.6834, 23.7600, 31.0998** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.9850, 19.7765, 16.8990**, and the grayscale version is **21.4243, 22.5400, 24.5461**.

A 20% lighter version of the original color is **43.8895, 49.3899, 62.4783**, and **7.4873, 8.9191, 12.3933** is the 20% darker color. If you saturate the color by 10%, you get **18.6138, 22.0546, 30.8801**, and if you desaturate by 10%, it is **23.0679, 25.6469, 31.3387**.

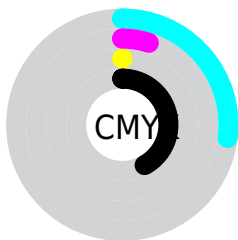
Distribution



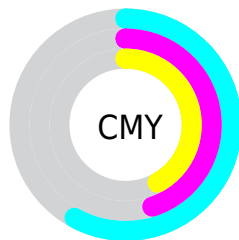
- Red (42%)
- Green (55%)
- Blue (58%)



- Red (42%)
- Yellow (49%)
- Blue (58%)



- Cyan (27%)
- Magenta (5%)
- Yellow (0%)
- Black (42%)



- Cyan (58%)
- Magenta (45%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6834, 23.7600, 31.0998 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 20.6834, 23.7600, 31.0998 by changing the saturation by 10% instead.

■ 20.6834, 23.7600,
31.0998

■ 20.6834, 23.7600,
31.0998

■ 248.3548,
271.6049, 321.3633

■ 13.0039, 15.1557,
20.4158

■ 44.0553, 49.6383,
62.4786

■ 7.5083, 8.9287,
12.5105

■ 60.4784, 67.6810,
84.0104

■ 3.8311, 4.6947,
6.9656

■ 80.5468, 89.6387,
109.9952

■ 1.6070, 2.0693,
3.3625

■ 104.6257,
115.8957, 140.8516

■ 0.3970, 0.6473,
1.2826

■ 133.0807,
146.8364, 176.9980

■ 0.0000, 0.0000,
0.0474

166.2769,

■ 0.0000, 0.0000,

182.8453, 218.8531

0.0000

204.5798,
224.3066, 266.8353

■ 20.6834, 23.7600,
31.0998

■ 20.6834, 23.7600,
31.0998

■ 18.6138, 22.0546,
30.8801

■ 23.0679, 25.6469,
31.3387

■ 16.8418, 20.5197,
30.6772

■ 25.7794, 27.7197,
31.5959

■ 15.3516, 19.1476,
30.4909

■ 28.8318, 29.9864,
31.8725

■ 14.1251, 17.9289,
30.3203

■ 32.2376, 32.4536,
32.1693

■ 13.1417, 16.8529,
30.1645

■ 36.0087, 35.1276,
32.4866

■ 12.3780, 15.9073,
30.0222

■ 40.1565, 38.0143,
32.8252

■ 11.7971, 15.0729,
29.8918

■ 44.6916, 41.1194,
33.1855

■ 11.6108, 14.7952,
29.8480

■ 49.6246, 44.4483,
33.5681

■ 54.9653, 48.0065,
33.9734

Harmonies

Analogous

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



20.1268, 23.7600, 27.3513



20.6834, 23.7600, 31.0998



21.7573, 23.7600, 33.5854

Triad

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



20.6834, 23.7600, 31.0998



25.1369, 23.7600, 28.3399



22.0795, 23.7600, 19.2304

Complementary

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



20.6834, 23.7600, 31.0998



20.9850, 19.7765, 16.8990

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.



23.4297, 23.7600, 19.4381



20.6834, 23.7600, 31.0998



25.2316, 23.7600, 24.4444

Square

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



20.6834, 23.7600, 31.0998



24.3420, 23.7600, 31.8854



24.5958, 23.7600, 21.2631



20.9112, 23.7600, 20.6642

Rectangle

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



20.6834, 23.7600, 31.0998



22.6399, 23.7600, 34.0560



24.5958, 23.7600, 21.2631



22.5265, 23.7600, 19.1147

Sweetspot

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



20.6841, 23.7610, 31.1003



45.3319, 49.0113, 56.5055



19.7592, 25.3123, 20.3068



10.1875, 11.0663, 12.8839



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.



20.6841, 23.7610, 31.1003



34.7050, 40.6421, 55.4502



18.1317, 18.6561, 30.2495



5.8642, 6.3623, 7.3887



10.0837, 12.8621, 25.8822



0.1439, 0.1984, 0.3236

Inverse Universe

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



22.0559, 18.7927, 26.8921



37.6444, 30.3299, 46.3586



23.4457, 24.6980, 17.7192



5.9849, 5.8890, 7.0265



13.2168, 6.4918, 15.1548



0.1721, 0.0836, 0.2399

Previews

White Background



This preview shows how the XYZ color 20.6834, 23.7600, 31.0998 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 20.6834, 23.7600, 31.0998 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 20.6834, 23.7600, 31.0998

Background



This preview shows how black text looks on a background with the XYZ color 20.6834, 23.7600, 31.0998.



This preview shows how white text looks on a background with the XYZ color 20.6834, 23.7600,

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

20.6834, 23.7600, 31.0998

Protanopia

23.0183, 23.7448, 29.3566

Deuteranopia

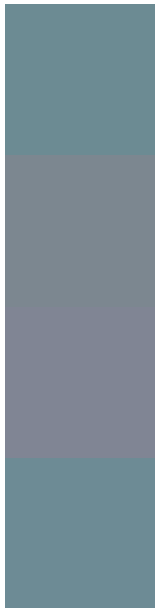
24.0549, 23.6242, 31.7259



Tritanopia

21.0443, 23.9185, 32.3617

Trichromacy



Original Color

20.6834, 23.7600, 31.0998

Protanomaly

22.0102, 23.6266, 29.7859

Deuteranomaly

22.6349, 23.5024, 31.3604

Tritanomaly

20.9641, 23.8864, 31.9394

Monochromacy



Original Color

20.6834, 23.7600, 31.0998

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.2088, 23.0673, 27.0015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6834, 23.7600, 31.0998 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(108, 139, 147)` looks like.

```
.text, #text, p{  
    color:rgb(108, 139, 147)  
}
```

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(108, 139, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 139, 147) }
```

Border

The CSS property to change the border of an element to XYZ 20.6834, 23.7600, 31.0998 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(108, 139, 147) }
```


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

```
.border{ border-color:rgb(108, 139, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 139, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 139, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 139, 147);  
box-shadow:4px 4px 4px 4px rgb(108, 139,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6834, 23.7600, 31.0998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 139, 147) }
```

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

```
.background{ background-color: rgb(108,  
139, 147) }
```

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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