

Converting Colors

XYZ(17.7879, 20.0021, 32.7660)

Have a look what the booklet for
XYZ(17.7879, 20.0021, 32.7660)
contains.

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Color

**XYZ(17.7011, 19.9295,
32.6196)**

Conversions

Conversions Part 1

Format	Color
Hex	5B8098
RGB	91, 128, 152
RGB Percent	36%, 50%, 60%
CMY	0.6431, 0.4980, 0.4039
CMYK	0.40, 0.16, 0.00, 0.40
HSL	204°, 25%, 48%
HSV	204°, 40%, 60%
XYZ	17.7011, 19.9295, 32.6196
YIQ	119.6730, -29.7560, -0.3800

Conversions

Conversions Part 2

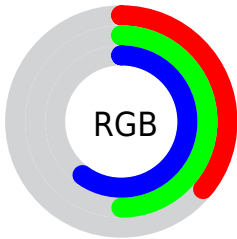
Format	Color
R _Y B	91, 114, 152
Decimal	5996696
CIE Lab	51.76, -6.52, -17.00
CIE LCh	52, 18.210, 249.006
Yxy	19.9295, 0.2520, 0.2837
Android (android.graphics.Color)	4284186776 (0xFF5B8098)
YUV	119.6730, 15.9372, -25.1462
Hunter-Lab	44.6425, -7.3476, -12.0726

Details

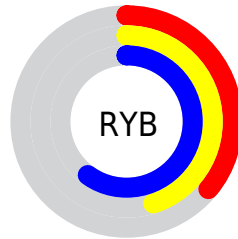
The XYZ color **17.7011, 19.9295, 32.6196** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.9685, 19.6928, 12.5942**, and the grayscale version is **17.7064, 18.6285, 20.2865**.

A 20% lighter version of the original color is **38.9921, 43.3436, 64.7036**, and **6.0200, 6.9827, 13.3424** is the 20% darker color. If you saturate the color by 10%, you get **15.5947, 17.7199, 32.3045**, and if you desaturate by 10%, it is **20.1583, 22.3890, 32.9652**.

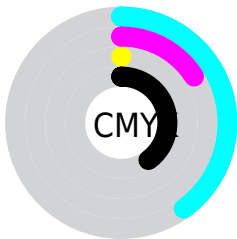
Distribution



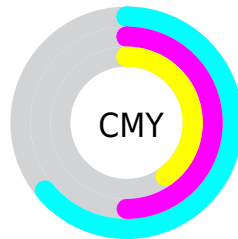
- Red (36%)
- Green (50%)
- Blue (60%)



- Red (36%)
- Yellow (45%)
- Blue (60%)



- Cyan (40%)
- Magenta (16%)
- Yellow (0%)
- Black (40%)



- Cyan (64%)
- Magenta (50%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7011, 19.9295, 32.6196 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 17.7011, 19.9295, 32.6196 by changing the saturation by 10% instead.

■ 17.7011, 19.9295,
32.6196

■ 17.7011, 19.9295,
32.6196

232.2592,
251.5332, 328.5114

■ 10.8340, 12.3438,
21.5665

■ 39.0614, 43.2990,
64.8903

■ 6.0218, 6.9783,
13.3434

■ 54.2854, 59.8515,
86.9450

■ 2.8991, 3.4485,
7.5320

■ 73.0256, 80.1618,
113.5039

■ 1.1006, 1.3701,
3.7135

■ 95.6476, 104.6142,
144.9857

■ 0.0257, 0.1946,
1.4695

122.5165,
133.5932, 181.8087

■ 0.0000, 0.0000,
0.1951

153.9979,

■ 0.0000, 0.0000,

167.4831, 224.3917

0.0000

190.4570,
206.6683, 273.1531

■ 17.7011, 19.9295,
32.6196

■ 17.7011, 19.9295,
32.6196

■ 15.5947, 17.7199,
32.3045

■ 20.1583, 22.3890,
32.9652

■ 13.8179, 15.7470,
32.0173

■ 22.9820, 25.1065,
33.3409

■ 12.3501, 13.9992,
31.7573

■ 26.1893, 28.0921,
33.7481

■ 11.1674, 12.4631,
31.5232

■ 29.7955, 31.3550,
34.1879

■ 10.2418, 11.1229,
31.3133

■ 33.8151, 34.9037,
34.6610

■ 9.5119, 9.9557,
31.1264

■ 38.2618, 38.7463,
35.1683

■ 43.1487, 42.8904,
35.7106

■ 48.4882, 47.3436,
36.2887

■ 54.2923, 52.1130,
36.9034

Harmonies

Analogous

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



16.3202, 19.9295, 28.7340



17.7011, 19.9295, 32.6196



19.5025, 19.9295, 33.3447

Triad

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



17.7011, 19.9295, 32.6196



22.6619, 19.9295, 20.1497



16.7986, 19.9295, 14.7309

Complementary

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



17.7011, 19.9295, 32.6196



20.9685, 19.6928, 12.5942

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.



18.3931, 19.9295, 13.1411



17.7011, 19.9295, 32.6196



21.8314, 19.9295, 15.9190

Square

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



17.7011, 19.9295, 32.6196



22.4468, 19.9295, 25.5422



20.2404, 19.9295, 13.5376



15.8231, 19.9295, 18.2635

Rectangle

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



17.7011, 19.9295, 32.6196



20.7130, 19.9295, 31.8395



20.2404, 19.9295, 13.5376



17.2757, 19.9295, 13.9799

Sweetspot

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



17.7017, 19.9303, 32.6201



44.9777, 48.4361, 59.4122



18.6023, 25.9048, 20.0546



10.0683, 10.8660, 13.4842



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.7017, 19.9303, 32.6201



27.9393, 31.7213, 57.0839



14.3612, 13.2491, 31.5065



6.1805, 6.6183, 7.8807



8.0062, 8.4090, 26.1088



0.1550, 0.1963, 0.4021

Inverse Universe

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



20.5868, 15.7168, 22.3715



33.8989, 23.8181, 35.7343



24.9453, 27.6464, 13.9198



6.3582, 6.2824, 7.2664



12.4999, 6.2542, 9.1574



0.2047, 0.1006, 0.2307

Previews

White Background



This preview shows how the XYZ color 17.7011, 19.9295, 32.6196 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 17.7011, 19.9295, 32.6196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

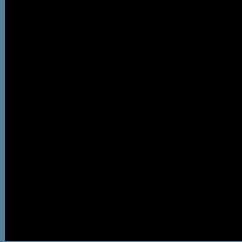
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.7011, 19.9295, 32.6196

Background



This preview shows how black text looks on a background with the XYZ color 17.7011, 19.9295, 32.6196.



This preview shows how white text looks on a background with the XYZ color 17.7011, 19.9295,

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

17.7011, 19.9295, 32.6196

Protanopia

19.6409, 19.8391, 30.8111

Deuteranopia

20.2779, 19.9298, 33.3499



Tritanopia

16.7408, 19.9334, 27.7761

Trichromacy



Original Color

17.7011, 19.9295, 32.6196

Protanomaly

18.8168, 19.7734, 31.2587

Deuteranomaly

19.2641, 19.9664, 32.9756

Tritanomaly

17.0041, 19.8380, 29.3185

Monochromacy



Original Color

17.7011, 19.9295, 32.6196

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.5545, 19.0831, 24.5880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7011, 19.9295, 32.6196 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(91, 128, 152)` looks like.

```
.text, #text, p{  
    color:rgb(91, 128, 152)  
}
```

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(91, 128, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 128, 152) }
```

Border

The CSS property to change the border of an element to XYZ 17.7011, 19.9295, 32.6196 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(91, 128, 152) }
```


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

```
.border{ border-color:rgb(91, 128, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 128, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 128, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 128, 152);  
box-shadow:4px 4px 4px 4px rgb(91, 128,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7011, 19.9295, 32.6196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 128, 152) }
```

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

```
.background{ background-color: rgb(91, 128,  
152) }
```

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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