

Converting Colors

XYZ(17.0462, 19.5605, 23.1271)

Have a look what the booklet for
XYZ(17.0462, 19.5605, 23.1271)
contains.

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Color

**XYZ(17.0792, 19.6208,
23.3091)**

Conversions

Conversions Part 1

Format	Color
Hex	677F80
RGB	103, 127, 128
RGB Percent	40%, 50%, 50%
CMY	0.5961, 0.5020, 0.4980
CMYK	0.20, 0.01, 0.00, 0.50
HSL	182°, 11%, 45%
HSV	182°, 20%, 50%
XYZ	17.0792, 19.6208, 23.3091
YIQ	119.9380, -14.6250, -4.7770

Conversions

Conversions Part 2

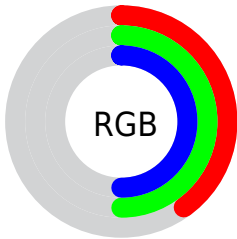
Format	Color
R_{YB}	103, 115, 128
Decimal	6782848
CIE _{Lab}	51.41, -8.39, -3.43
CIE _{LCh}	51, 9.064, 202.205
Yxy	19.6208, 0.2846, 0.3270
Android (android.graphics.Color)	4284972928 (0xFF677F80)
YUV	119.9380, 3.9746, -14.8546
Hunter-Lab	44.2954, -8.6917, -0.1928

Details

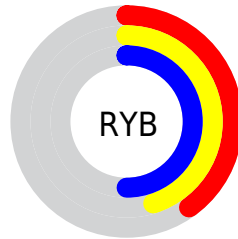
The XYZ color **17.0792, 19.6208, 23.3091** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.3008, 15.4693, 14.9592**, and the grayscale version is **17.8243, 18.7525, 20.4215**.

A 20% lighter version of the original color is **38.1793, 42.9473, 49.9934**, and **5.7112, 6.8255, 8.4136** is the 20% darker color. If you saturate the color by 10%, you get **15.6563, 18.7900, 23.2241**, and if you desaturate by 10%, it is **18.7284, 20.5698, 23.4057**.

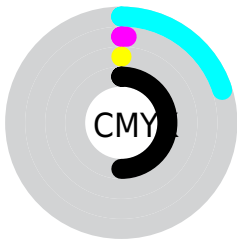
Distribution



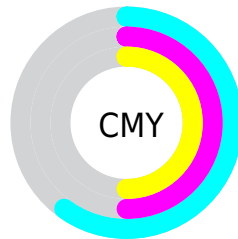
- Red (40%)
- Green (50%)
- Blue (50%)



- Red (40%)
- Yellow (45%)
- Blue (50%)



- Cyan (20%)
- Magenta (1%)
- Yellow (0%)
- Black (50%)



- Cyan (60%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0792, 19.6208, 23.3091 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 17.0792, 19.6208, 23.3091 by changing the saturation by 10% instead.

■ 17.0792, 19.6208,
23.3091

■ 17.0792, 19.6208,
23.3091

228.7757,
249.8548, 282.4818

■ 10.3866, 12.1197,
14.6145

■ 38.0044, 42.7805,
49.8300

■ 5.7203, 6.8253,
8.4057

■ 52.9678, 59.2079,
68.4933

■ 2.7148, 3.3531,
4.2641

■ 71.4188, 79.3795,
91.3166

■ 1.0048, 1.3187,
1.7713

■ 93.7227, 103.6798,
118.7185

■ 0.0000, 0.1556,
0.4089

120.2451,
132.4930, 151.1174

■ 0.0000, 0.0000,
0.0000

151.3511,

166.2037, 188.9319

187.4062,
205.1962, 232.5805

■ 17.0792, 19.6208,
23.3091

■ 17.0792, 19.6208,
23.3091

■ 15.6563, 18.7900,
23.2241

■ 18.7284, 20.5698,
23.4057

■ 14.4477, 18.0697,
23.1487

■ 20.6117, 21.6394,
23.5129

■ 13.4432, 17.4550,
23.0830

■ 22.7386, 22.8352,
23.6316

■ 12.6306, 16.9399,
23.0264

■ 25.1178, 24.1614,
23.7622

■ 11.9968, 16.5174,
22.9783

■ 27.7572, 25.6223,
23.9050

■ 11.5271, 16.1799,
22.9379

■ 30.6647, 27.2220,
24.0606

■ 11.2040, 15.9186,
22.9045

■ 33.8476, 28.9641,
24.2291

■ 10.9760, 15.7067,
22.8756

■ 37.3131, 30.8524,
24.4109

■ 10.9655, 15.6969,
22.8743

■ 41.0680, 32.8904,
24.6064

Harmonies

Analogous

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



16.9726, 19.6208, 20.6929



17.0792, 19.6208, 23.3091



17.5996, 19.6208, 25.5623

Triad

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



17.0792, 19.6208, 23.3091



20.0625, 19.6208, 24.5760



18.8867, 19.6208, 16.7839

Complementary

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



17.0792, 19.6208, 23.3091



16.3008, 15.4693, 14.9592

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.



19.7393, 19.6208, 17.6521



17.0792, 19.6208, 23.3091



20.4323, 19.6208, 22.0489

Square

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



17.0792, 19.6208, 23.3091



19.3164, 19.6208, 26.3341



20.3121, 19.6208, 19.5297



17.9971, 19.6208, 17.0617

Rectangle

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



17.0792, 19.6208, 23.3091



18.1206, 19.6208, 26.4856



20.3121, 19.6208, 19.5297



19.1875, 19.6208, 16.9488

Sweetspot

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



17.0798, 19.6216, 23.3095



34.0515, 36.8302, 41.2705



15.8033, 19.3184, 15.9487



7.9330, 8.6006, 9.6603



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.0798, 19.6216, 23.3095



29.0224, 33.9368, 40.9771



15.5830, 16.6281, 22.8106



4.4322, 4.8584, 5.5174



10.8732, 15.5648, 22.6812



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.5836, 15.8225, 22.2068



30.0656, 26.1099, 38.6849



17.6345, 18.1367, 15.4037



4.4910, 4.4095, 5.3900



12.3652, 5.9658, 19.0450



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.0792, 19.6208, 23.3091 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 17.0792, 19.6208, 23.3091 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 17.0792, 19.6208, 23.3091

Background



This preview shows how black text looks on a background with the XYZ color 17.0792, 19.6208, 23.3091.



This preview shows how white text looks on a background with the XYZ color 17.0792, 19.6208,

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

17.0792, 19.6208, 23.3091

Protanopia

18.9734, 19.6848, 22.2016

Deuteranopia

19.9862, 19.6307, 23.8548



Tritanopia

17.7305, 19.7025, 26.1610

Trichromacy



Original Color

17.0792, 19.6208, 23.3091

Protanomaly

18.1760, 19.6347, 22.5706

Deuteranomaly

18.8071, 19.5690, 23.5548

Tritanomaly

17.4034, 19.5582, 25.0482

Monochromacy



Original Color

17.0792, 19.6208, 23.3091

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.5975, 19.1734, 21.5122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0792, 19.6208, 23.3091 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(103, 127, 128)` looks like.

```
.text, #text, p{  
    color:rgb(103, 127, 128)  
}
```

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(103, 127, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 127, 128) }
```

Border

The CSS property to change the border of an element to XYZ 17.0792, 19.6208, 23.3091 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(103, 127, 128) }
```


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

```
.border{ border-color:rgb(103, 127, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 127, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 127, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 127, 128);  
box-shadow:4px 4px 4px 4px rgb(103, 127,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0792, 19.6208, 23.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 127, 128) }
```

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

```
.background{ background-color: rgb(103,  
127, 128) }
```

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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