

Converting Colors

XYZ(17.9347, 23.5685, 29.4757)

Have a look what the booklet for
XYZ(17.9347, 23.5685, 29.4757)
contains.

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Color

**XYZ(17.9117, 23.4662,
29.5720)**

Conversions

Conversions Part 1

Format	Color
Hex	4C908F
RGB	76, 144, 143
RGB Percent	30%, 56%, 56%
CMY	0.7019, 0.4353, 0.4392
CMYK	0.47, 0.00, 0.01, 0.44
HSL	179°, 31%, 43%
HSV	179°, 47%, 56%
XYZ	17.9117, 23.4662, 29.5720
YIQ	123.5540, -40.2070, -14.7270

Conversions

Conversions Part 2

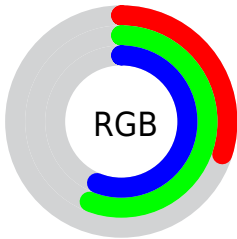
Format	Color
R _Y B	76, 110, 144
Decimal	5017743
CIE Lab	55.55, -21.74, -6.16
CIE LCh	56, 22.596, 195.817
Yxy	23.4662, 0.2525, 0.3307
Android (android.graphics.Color)	4283207823 (0xFF4C908F)
YUV	123.5540, 9.5869, -41.7049
Hunter-Lab	48.4419, -18.7719, -2.2850

Details

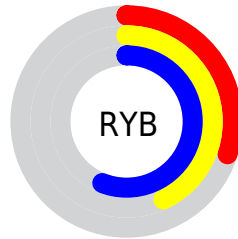
The XYZ color **17.9117, 23.4662, 29.5720** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.4264, 11.6347, 8.4547**, and the grayscale version is **18.9893, 19.9782, 21.7563**.

A 20% lighter version of the original color is **39.4780, 49.1652, 60.2324**, and **6.1038, 8.7292, 11.7191** is the 20% darker color. If you saturate the color by 10%, you get **16.8774, 22.9354, 29.4403**, and if you desaturate by 10%, it is **19.2035, 24.1309, 29.7169**.

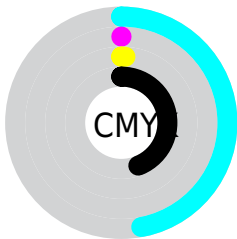
Distribution



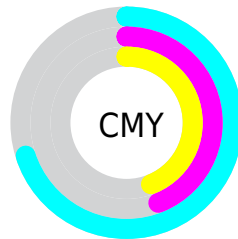
- Red (30%)
- Green (56%)
- Blue (56%)



- Red (30%)
- Yellow (43%)
- Blue (56%)



- Cyan (47%)
- Magenta (0%)
- Yellow (1%)
- Black (44%)



- Cyan (70%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9117, 23.4662, 29.5720 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 17.9117, 23.4662, 29.5720 by changing the saturation by 10% instead.

■ 17.9117, 23.4662,
29.5720

■ 17.9117, 23.4662,
29.5720

233.4281,
270.1105, 314.0493

■ 10.9859, 14.9381,
19.2647

■ 39.4181, 49.1577,
60.0376

■ 6.1246, 8.7760,
11.6829

■ 54.7294, 67.0899,
81.0330

■ 2.9624, 4.5953,
6.4083

■ 73.5665, 88.9256,
106.4282

■ 1.1339, 2.0119,
3.0221

■ 96.2950, 115.0492,
136.6416

■ 0.0532, 0.6143,
1.1059

■ 123.2800,
145.8451, 172.0919

■ 0.0000, 0.0000,
0.0000

154.8869,

181.6977, 213.1976

191.4812,
222.9914, 260.3772

■ 17.9117, 23.4662,
29.5720

■ 17.9117, 23.4662,
29.5720

■ 16.8774, 22.9354,
29.4403

■ 19.2035, 24.1309,
29.7169

■ 16.0812, 22.5268,
29.3194

■ 20.7665, 24.9347,
29.8742

■ 15.5045, 22.2313,
29.2089

■ 22.6158, 25.8862,
30.0450

■ 15.1246, 22.0374,
29.1079

■ 24.7647, 26.9922,
30.2300

■ 14.9018, 21.9243,
29.0143

■ 27.2259, 28.2591,
30.4298

■ 14.8472, 21.8967,
28.9886

■ 30.0113, 29.6931,
30.6449

■ 33.1320, 31.3000,
30.8758

■ 36.5987, 33.0853,
31.1231

■ 40.4217, 35.0542,
31.3873

Harmonies

Analogous

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



17.8804, 23.4662, 22.2626



17.9117, 23.4662, 29.5720



19.0586, 23.4662, 37.0000

Triad

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



17.9117, 23.4662, 29.5720



26.0076, 23.4662, 36.6386



23.5268, 23.4662, 14.2125

Complementary

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



17.9117, 23.4662, 29.5720



15.4264, 11.6347, 8.4547

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.



25.8982, 23.4662, 16.7466



17.9117, 23.4662, 29.5720



27.4027, 23.4662, 29.1475

Square

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



17.9117, 23.4662, 29.5720



23.6671, 23.4662, 41.5802



27.3612, 23.4662, 21.9116



20.9941, 23.4662, 14.2827

Rectangle

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



17.9117, 23.4662, 29.5720



20.3553, 23.4662, 40.6186



27.3612, 23.4662, 21.9116



24.3731, 23.4662, 14.7633

Sweetspot

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



17.9124, 23.4671, 29.5725



40.9436, 46.1990, 53.0835



14.3499, 22.0526, 10.3383



9.2268, 10.5108, 12.1590



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.9124, 23.4671, 29.5725



29.6160, 40.3738, 51.9029



13.7143, 14.9490, 28.5492



5.5569, 6.1150, 6.8984



12.9296, 19.0677, 25.2471



0.1243, 0.1826, 0.2451

Inverse Universe

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



15.4264, 11.6347, 8.4547



24.6662, 16.8050, 9.8481



18.2614, 17.3608, 9.2266



5.4119, 5.4253, 5.6671



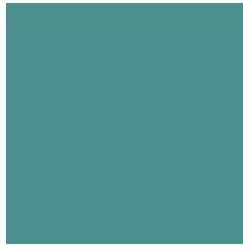
10.0267, 5.1677, 0.5262



0.0964, 0.0496, 0.0077

Previews

White Background



This preview shows how the XYZ color 17.9117, 23.4662, 29.5720 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 17.9117, 23.4662, 29.5720 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 17.9117, 23.4662, 29.5720

Background



This preview shows how black text looks on a background with the XYZ color 17.9117, 23.4662, 29.5720.

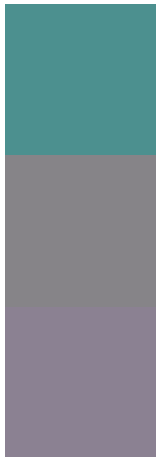


This preview shows how white text looks on a background with the XYZ color 17.9117, 23.4662,

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

17.9117, 23.4662, 29.5720

Protanopia

22.5267, 23.3484, 26.6120

Deuteranopia

23.6860, 23.2648, 30.4363



Tritanopia

18.7302, 23.3414, 34.0900

Trichromacy



Original Color

17.9117, 23.4662, 29.5720

Protanomaly

20.2744, 22.9831, 27.7937

Deuteranomaly

20.8384, 22.8075, 30.0921

Tritanomaly

18.4694, 23.4666, 32.4102

Monochromacy



Original Color

17.9117, 23.4662, 29.5720

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.2764, 20.9971, 24.5623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9117, 23.4662, 29.5720 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(76, 144, 143)` looks like.

```
.text, #text, p{  
    color:rgb(76, 144, 143)  
}
```

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(76, 144, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 144, 143) }
```

Border

The CSS property to change the border of an element to XYZ 17.9117, 23.4662, 29.5720 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(76, 144, 143) }
```


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

```
.border{ border-color:rgb(76, 144, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 144, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 144, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 144, 143);  
box-shadow:4px 4px 4px 4px rgb(76, 144,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9117, 23.4662, 29.5720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 144, 143) }
```

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

```
.background{ background-color: rgb(76, 144,  
143) }
```

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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