

Converting Colors

XYZ(17.9861, 23.6260, 24.1140)

Have a look what the booklet for
XYZ(17.9861, 23.6260, 24.1140)
contains.

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Color

**XYZ(17.9894, 23.6289,
24.0348)**

Conversions

Conversions Part 1

Format	Color
Hex	599080
RGB	89, 144, 128
RGB Percent	35%, 56%, 50%
CMY	0.6510, 0.4353, 0.4980
CMYK	0.38, 0.00, 0.11, 0.44
HSL	163°, 24%, 46%
HSV	163°, 38%, 56%
XYZ	17.9894, 23.6289, 24.0348
YIQ	125.7310, -27.6440, -16.6360

Conversions

Conversions Part 2

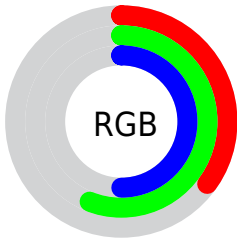
Format	Color
R_{YB}	89, 121, 144
Decimal	5869696
CIE _{Lab}	55.71, -22.04, 2.77
CIE _{LCh}	56, 22.212, 172.826
Yxy	23.6289, 0.2740, 0.3599
Android (android.graphics.Color)	4284059776 (0xFF599080)
YUV	125.7310, 1.1186, -32.2131
Hunter-Lab	48.6096, -19.0076, 4.7110

Details

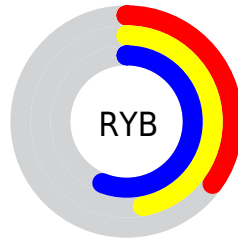
The XYZ color **17.9894, 23.6289, 24.0348** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.6246, 14.0946, 15.1572**, and the grayscale version is **19.7435, 20.7717, 22.6204**.

A 20% lighter version of the original color is **39.5191, 49.3871, 51.1658**, and **6.1250, 8.8053, 8.7739** is the 20% darker color. If you saturate the color by 10%, you get **16.4705, 22.8777, 22.5542**, and if you desaturate by 10%, it is **19.7914, 24.5259, 25.5892**.

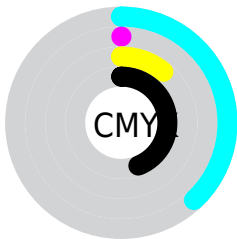
Distribution



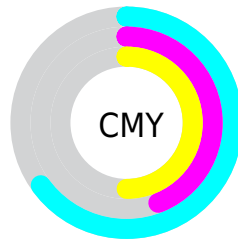
- Red (35%)
- Green (56%)
- Blue (50%)



- Red (35%)
- Yellow (47%)
- Blue (56%)



- Cyan (38%)
- Magenta (0%)
- Yellow (11%)
- Black (44%)



- Cyan (65%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9894, 23.6289, 24.0348 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 17.9894, 23.6289, 24.0348 by changing the saturation by 10% instead.

■ 17.9894, 23.6289,
24.0348

■ 17.9894, 23.6289,
24.0348

233.8580,
270.9389, 286.2886

■ 11.0420, 15.0586,
15.1470

■ 39.5495, 49.4239,
51.0315

■ 6.1626, 8.8605,
8.7748

■ 54.8929, 67.4174,
69.9775

■ 2.9858, 4.6503,
4.4998

■ 73.7657, 89.3208,
93.1134

■ 1.1463, 2.0436,
1.9034

■ 96.5333, 115.5183,
120.8575

■ 0.0633, 0.6326,
0.4949

123.5609,
146.3946, 153.6286

■ 0.0000, 0.0000,
0.0000

155.2140,

182.3338, 191.8451

191.8579,
223.7204, 235.9256

■ 17.9894, 23.6289,
24.0348

■ 17.9894, 23.6289,
24.0348

■ 16.4705, 22.8777,
22.5542

■ 19.7914, 24.5259,
25.5892

■ 15.2166, 22.2612,
21.1442

■ 21.8891, 25.5735,
27.2170

■ 14.2109, 21.7714,
19.8038

■ 24.2969, 26.7796,
28.9202

■ 13.4336, 21.3980,
18.5314

■ 27.0275, 28.1507,
30.7000

■ 12.8615, 21.1292,
17.3252

■ 30.0931, 29.6931,
32.5576

■ 12.4476, 20.9407,
16.1821

■ 33.5048, 31.4126,
34.4943

■ 12.3773, 20.9088,
15.9818

■ 37.2738, 33.3148,
36.5111

■ 41.4103, 35.4051,
38.6093

■ 45.9243, 37.6886,
40.7898

Harmonies

Analogous

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



18.8176, 23.6289, 18.2263



17.9894, 23.6289, 24.0348



18.2853, 23.6289, 31.4902

Triad

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



17.9894, 23.6289, 24.0348



24.3895, 23.6289, 40.7401



25.5128, 23.6289, 16.1858

Complementary

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



17.9894, 23.6289, 24.0348



17.6246, 14.0946, 15.1572

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.



27.2229, 23.6289, 20.7152



17.9894, 23.6289, 24.0348



26.5413, 23.6289, 35.0482

Square

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



17.9894, 23.6289, 24.0348



21.8593, 23.6289, 42.0823



27.6126, 23.6289, 27.4986



23.0686, 23.6289, 14.2773

Rectangle

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



17.9894, 23.6289, 24.0348



19.0916, 23.6289, 36.3509



27.6126, 23.6289, 27.4986



26.1998, 23.6289, 17.4067

Sweetspot

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



17.9901, 23.6299, 24.0353



41.5059, 46.5559, 50.0816



17.6618, 23.7024, 13.0958



9.3998, 10.6170, 11.4021



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.



17.9901, 23.6299, 24.0353



29.3579, 40.5018, 40.0985



17.5422, 20.9134, 29.4988



5.4943, 6.0899, 6.5688



10.7884, 18.2112, 13.9719



0.1128, 0.1780, 0.1842

Inverse Universe

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



17.6246, 14.0946, 15.1572



28.6229, 21.1643, 22.1240



17.8627, 15.7656, 11.5532



5.4694, 5.4483, 5.9699



10.3874, 5.3120, 2.4252



0.1080, 0.0542, 0.0687

Previews

White Background



This preview shows how the XYZ color 17.9894, 23.6289, 24.0348 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 17.9894, 23.6289, 24.0348 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 17.9894, 23.6289, 24.0348

Background



This preview shows how black text looks on a background with the XYZ color 17.9894, 23.6289, 24.0348.

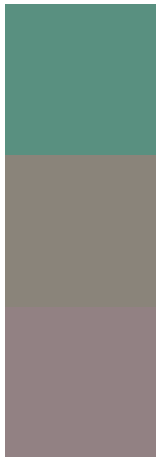


This preview shows how white text looks on a background with the XYZ color 17.9894, 23.6289,

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

17.9894, 23.6289, 24.0348

Protanopia

22.2453, 23.3109, 21.7394

Deuteranopia

23.8011, 23.4502, 24.7446



Tritanopia

19.9117, 23.7496, 33.2404

Trichromacy



Original Color

17.9894, 23.6289, 24.0348

Protanomaly

20.1880, 23.0566, 22.4551

Deuteranomaly

21.0118, 23.0219, 24.4553

Tritanomaly

19.1451, 23.6563, 29.5437

Monochromacy



Original Color

17.9894, 23.6289, 24.0348

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.0283, 21.8181, 23.2871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9894, 23.6289, 24.0348 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(89, 144, 128)` looks like.

```
.text, #text, p{  
    color:rgb(89, 144, 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(89, 144, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 144, 128) }
```

Border

The CSS property to change the border of an element to XYZ 17.9894, 23.6289, 24.0348 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(89, 144, 128) }
```


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

```
.border{ border-color:rgb(89, 144, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 144, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 144, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 144, 128);  
box-shadow:4px 4px 4px 4px rgb(89, 144,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9894, 23.6289, 24.0348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 144, 128) }
```

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

```
.background{ background-color: rgb(89, 144,  
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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