

Converting Colors

XYZ(17.8221, 23.0816, 24.6350)

Have a look what the booklet for
XYZ(17.8221, 23.0816, 24.6350)
contains.

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Color

**XYZ(17.8221, 23.0816,
24.6350)**

Conversions

Conversions Part 1

Format	Color
Hex	598E82
RGB	89, 142, 130
RGB Percent	35%, 56%, 51%
CMY	0.6510, 0.4431, 0.4902
CMYK	0.37, 0.00, 0.08, 0.44
HSL	166°, 23%, 45%
HSV	166°, 37%, 56%
XYZ	17.8221, 23.0816, 24.6350
YIQ	124.7850, -27.7360, -14.9680

Conversions

Conversions Part 2

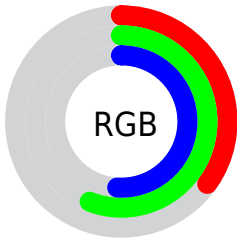
Format	Color
R_{YB}	89, 119, 142
Decimal	5869186
CIE _{Lab}	55.16, -20.53, 0.81
CIE _{LCh}	55, 20.542, 177.729
Yxy	23.0816, 0.2719, 0.3522
Android (android.graphics.Color)	4284059266 (0xFF598E82)
YUV	124.7850, 2.5710, -31.3834
Hunter-Lab	48.0433, -17.8596, 3.2284

Details

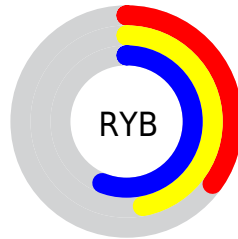
The XYZ color **17.8221, 23.0816, 24.6350** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.0775, 13.8357, 14.0833**, and the grayscale version is **19.4196, 20.4309, 22.2492**.

A 20% lighter version of the original color is **39.2717, 48.5615, 52.1032**, and **6.0630, 8.5076, 9.1072** is the 20% darker color. If you saturate the color by 10%, you get **16.3764, 22.3614, 23.4586**, and if you desaturate by 10%, it is **19.5388, 23.9418, 25.8603**.

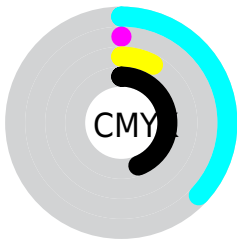
Distribution



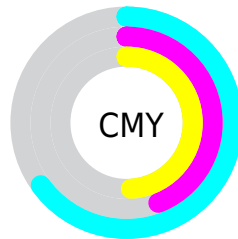
- Red (35%)
- Green (56%)
- Blue (51%)



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



- Cyan (37%)
- Magenta (0%)
- Yellow (8%)
- Black (44%)



- Cyan (65%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8221, 23.0816, 24.6350 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 17.8221, 23.0816, 24.6350 by changing the saturation by 10% instead.

■ 17.8221, 23.0816,
24.6350

■ 17.8221, 23.0816,
24.6350

232.9314,
268.1438, 289.4046

■ 10.9213, 14.6538,
15.5888

■ 39.2664, 48.5273,
52.0212

■ 6.0808, 8.5768,
9.0825

■ 54.5406, 66.3139,
71.1983

■ 2.9354, 4.4662,
4.6975

■ 73.3366, 87.9890,
94.5894

■ 1.1197, 1.9376,
2.0153

■ 96.0198, 113.9368,
122.6131

■ 0.0415, 0.5708,
0.5646

122.9555,
144.5418, 155.6880

■ 0.0000, 0.0000,
0.0000

154.5091,

180.1884, 194.2325

191.0460,
221.2609, 238.6651

■ 17.8221, 23.0816,
24.6350

■ 17.8221, 23.0816,
24.6350

■ 16.3764, 22.3614,
23.4586

■ 19.5388, 23.9418,
25.8603

■ 15.1844, 21.7707,
22.3284

■ 21.5384, 24.9466,
27.1339

■ 14.2300, 21.3017,
21.2440

■ 23.8348, 26.1035,
28.4573

■ 13.4944, 20.9448,
20.2040

■ 26.4400, 27.4188,
29.8312

■ 12.9558, 20.6886,
19.2072

■ 29.3657, 28.8985,
31.2566

■ 12.5742, 20.5127,
18.2514

■ 32.6227, 30.5483,
32.7342

■ 12.4796, 20.4693,
18.0016

■ 36.2214, 32.3733,
34.2648

■ 40.1718, 34.3788,
35.8493

■ 44.4834, 36.5698,
37.4882

Harmonies

Analogous

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



18.4184, 23.0816, 18.9763



17.8221, 23.0816, 24.6350



18.2634, 23.0816, 31.4752

Triad

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



17.8221, 23.0816, 24.6350



24.0539, 23.0816, 38.0440



24.3770, 23.0816, 15.8978

Complementary

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



17.8221, 23.0816, 24.6350



17.0775, 13.8357, 14.0833

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.



26.0759, 23.0816, 19.7039



17.8221, 23.0816, 24.6350



25.8804, 23.0816, 32.4927

Square

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



17.8221, 23.0816, 24.6350



21.7642, 23.0816, 39.9740



26.6441, 23.0816, 25.6355



22.1135, 23.0816, 14.5106

Rectangle

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



17.8221, 23.0816, 24.6350



19.1050, 23.0816, 35.6784



26.6441, 23.0816, 25.6355



25.0389, 23.0816, 16.9002

Sweetspot

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



17.8228, 23.0825, 24.6355



40.3840, 45.2000, 49.2580



16.8849, 22.8562, 12.9733



8.9141, 10.0422, 10.9412



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.8228, 23.0825, 24.6355



29.2037, 39.5932, 41.6486



16.7048, 19.4813, 28.4721



5.5087, 6.0957, 6.6448



11.2115, 18.3805, 16.1996



0.1155, 0.1790, 0.1984

Inverse Universe

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



17.0775, 13.8357, 14.0833



27.6945, 20.7930, 20.2242



17.8228, 16.1998, 11.6391



5.4558, 5.4428, 5.8983



10.2580, 5.2602, 1.7438



0.1052, 0.0532, 0.0545

Previews

White Background



This preview shows how the XYZ color 17.8221, 23.0816, 24.6350 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 17.8221, 23.0816, 24.6350 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 17.8221, 23.0816, 24.6350

Background



This preview shows how black text looks on a background with the XYZ color 17.8221, 23.0816, 24.6350.

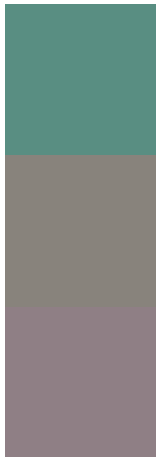


This preview shows how white text looks on a background with the XYZ color 17.8221, 23.0816,

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

17.8221, 23.0816, 24.6350

Protanopia

21.9077, 22.9221, 22.3385

Deuteranopia

23.1507, 22.7118, 25.3540



Tritanopia

19.3537, 23.0469, 32.2826

Trichromacy



Original Color

17.8221, 23.0816, 24.6350

Protanomaly

20.0376, 22.7562, 23.0750

Deuteranomaly

20.5845, 22.3794, 25.0645

Tritanomaly

18.7496, 23.0146, 29.4407

Monochromacy



Original Color

17.8221, 23.0816, 24.6350

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.6292, 21.2096, 23.1907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8221, 23.0816, 24.6350 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, 142, 130)` looks like.

```
.text, #text, p{  
    color:rgb(89, 142, 130)  
}
```

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, 142, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 142, 130) }
```

Border

The CSS property to change the border of an element to XYZ 17.8221, 23.0816, 24.6350 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, 142, 130) }
```


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

```
.border{ border-color:rgb(89, 142, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 142, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 142, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 142, 130);  
box-shadow:4px 4px 4px 4px rgb(89, 142,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8221, 23.0816, 24.6350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 142, 130) }
```

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

```
.background{ background-color: rgb(89, 142,  
130) }
```

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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