

Converting Colors

XYZ(17.9100, 23.9859, 16.3490)

Have a look what the booklet for
XYZ(17.9100, 23.9859, 16.3490)
contains.

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Color

**XYZ(17.8905, 23.9768,
16.2554)**

Conversions

Conversions Part 1

Format	Color
Hex	659166
RGB	101, 145, 102
RGB Percent	40%, 57%, 40%
CMY	0.6039, 0.4314, 0.6000
CMYK	0.30, 0.00, 0.30, 0.43
HSL	121°, 18%, 48%
HSV	121°, 30%, 57%
XYZ	17.8905, 23.9768, 16.2554
YIQ	126.9420, -12.4210, -22.7010

Conversions

Conversions Part 2

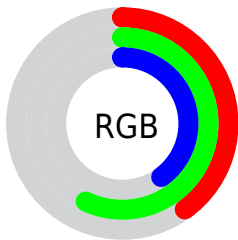
Format	Color
R_{YB}	101, 144, 145
Decimal	6656358
CIE _{Lab}	56.06, -24.07, 18.15
CIE _{LCh}	56, 30.150, 142.986
Yxy	23.9768, 0.3078, 0.4125
Android (android.graphics.Color)	4284846438 (0xFF659166)
YUV	126.9420, -12.2964, -22.7511
Hunter-Lab	48.9661, -20.4731, 14.5936

Details

The XYZ color **17.8905, 23.9768, 16.2554** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.3656, 17.3412, 28.6077**, and the grayscale version is **20.1973, 21.2492, 23.1403**.

A 20% lighter version of the original color is **39.3101, 49.9191, 37.7005**, and **6.1085, 9.0113, 5.0318** is the 20% darker color. If you saturate the color by 10%, you get **15.7643, 22.9558, 12.7958**, and if you desaturate by 10%, it is **20.4246, 25.1956, 20.3622**.

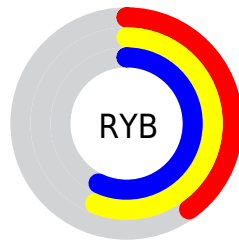
Distribution



Red (40%)

Green (57%)

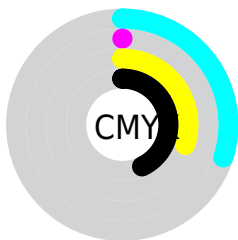
Blue (40%)



Red (40%)

Yellow (56%)

Blue (57%)

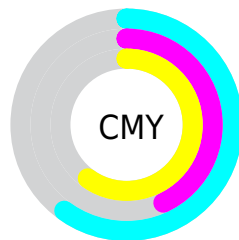


Cyan (30%)

Magenta (0%)

Yellow (30%)

Black (43%)



Cyan (60%)

Magenta (43%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8905, 23.9768, 16.2554 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 17.8905, 23.9768, 16.2554 by changing the saturation by 10% instead.

■ 17.8905, 23.9768,
16.2554

■ 17.8905, 23.9768,
16.2554

233.3107,
272.7032, 242.7410

■ 10.9706, 15.3164,
9.5488

■ 39.3822, 49.9923,
37.8140

■ 6.1142, 9.0418,
4.9991

■ 54.6847, 68.1163,
53.5030

■ 2.9560, 4.7684,
2.1880

■ 73.5122, 90.1635,
73.0232

■ 1.1305, 2.1120,
0.6674

■ 96.2299, 116.5185,
96.7931

■ 0.0504, 0.6714,
0.0000

123.2032,
147.5655, 125.2313

■ 0.0000, 0.0000,
0.0000

154.7976,

183.6891, 158.7564

191.3783,
225.2735, 197.7868

■ 17.8905, 23.9768,
16.2554

■ 17.8905, 23.9768,
16.2554

■ 15.7643, 22.9558,
12.7958

■ 20.4246, 25.1956,
20.3622

■ 14.0230, 22.1193,
9.9490

■ 23.3843, 26.6186,
25.1453

■ 12.6440, 21.4572,
7.6798


■ 26.7887, 28.2556,
30.6336


■ 11.6019, 20.9572,
5.9486


■ 30.6549, 30.1151,
36.8543


■ 10.8678, 20.6054,
4.7110


■ 34.9995, 32.2048,
43.8328


 10.4080, 20.3855,
3.9156

 39.8379, 34.5324,
51.5935

 10.1439, 20.2590,
3.4704

 45.1850, 37.1048,
60.1595

 51.0550, 39.9291,
69.5532

 57.4616, 43.0118,
79.7959

Harmonies

Analogous

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



20.2948, 23.9768, 12.2280



17.8905, 23.9768, 16.2554



16.8170, 23.9768, 23.8540

Triad

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



17.8905, 23.9768, 16.2554



21.9885, 23.9768, 49.8773



29.4605, 23.9768, 19.3661

Complementary

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



17.8905, 23.9768, 16.2554



21.3656, 17.3412, 28.6077

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.



30.0305, 23.9768, 28.4968



17.8905, 23.9768, 16.2554



25.4801, 23.9768, 47.8023

Square

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



17.8905, 23.9768, 16.2554



19.0232, 23.9768, 44.4123



28.5093, 23.9768, 39.3007



27.0222, 23.9768, 13.6818

Rectangle

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



17.8905, 23.9768, 16.2554



16.9152, 23.9768, 30.6145



28.5093, 23.9768, 39.3007



29.8864, 23.9768, 22.0646

Sweetspot

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



17.8911, 23.9778, 16.2559



42.5406, 47.9874, 46.1021



24.0236, 27.1449, 16.2854



9.2959, 10.5947, 9.9852



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.



17.8911, 23.9778, 16.2559



29.5181, 41.7274, 25.0125



19.1142, 24.4670, 22.6963



5.3475, 6.0312, 5.7960



8.7018, 17.3766, 2.9836



0.0840, 0.1664, 0.0327

Inverse Universe

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



21.3656, 17.3412, 28.6077



36.7074, 27.9934, 50.5696



19.8609, 16.7394, 20.6840



5.6210, 5.5089, 6.7684



14.1860, 6.8314, 22.4284



0.1367, 0.0657, 0.2202

Previews

White Background



This preview shows how the XYZ color 17.8905, 23.9768, 16.2554 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 17.8905, 23.9768, 16.2554 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 17.8905, 23.9768, 16.2554

Background



This preview shows how black text looks on a background with the XYZ color 17.8905, 23.9768, 16.2554.



This preview shows how white text looks on a background with the XYZ color 17.8905, 23.9768,

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

17.8905, 23.9768, 16.2554

Protanopia

22.1844, 23.8426, 14.7421

Deuteranopia

24.1621, 23.8090, 16.9578



Tritanopia

21.1680, 23.9822, 32.3675

Trichromacy



Original Color

17.8905, 23.9768, 16.2554

Protanomaly

20.2427, 23.6670, 15.3057

Deuteranomaly

21.3671, 23.5821, 16.7902

Tritanomaly

19.8219, 23.8690, 25.7528

Monochromacy



Original Color

17.8905, 23.9768, 16.2554

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.2663, 22.2098, 20.4110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8905, 23.9768, 16.2554 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(101, 145, 102)` looks like.

```
.text, #text, p{  
    color:rgb(101, 145, 102)  
}
```

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(101, 145, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 145, 102) }
```

Border

The CSS property to change the border of an element to XYZ 17.8905, 23.9768, 16.2554 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(101, 145, 102) }
```


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

```
.border{ border-color:rgb(101, 145, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 145, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 145, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 145, 102);  
box-shadow:4px 4px 4px 4px rgb(101, 145,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8905, 23.9768, 16.2554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 145, 102) }
```

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

```
.background{ background-color: rgb(101,  
145, 102) }
```

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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