

Converting Colors

XYZ(17.8721, 23.9124, 16.4504)

Have a look what the booklet for
XYZ(17.8721, 23.9124, 16.4504)
contains.

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Color

**XYZ(17.9404, 23.9968,
16.5182)**

Conversions

Conversions Part 1

Format	Color
Hex	659167
RGB	101, 145, 103
RGB Percent	40%, 57%, 40%
CMY	0.6039, 0.4314, 0.5961
CMYK	0.30, 0.00, 0.29, 0.43
HSL	123°, 18%, 48%
HSV	123°, 30%, 57%
XYZ	17.9404, 23.9968, 16.5182
YIQ	127.0560, -12.7420, -22.3900

Conversions

Conversions Part 2

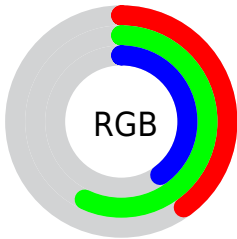
Format	Color
RYB	101, 143, 145
Decimal	6656359
CIELab	56.08, -23.89, 17.62
CIELCh	56, 29.687, 143.600
Yxy	23.9968, 0.3069, 0.4105
Android (android.graphics.Color)	4284846439 (0xFF659167)
YUV	127.0560, -11.8596, -22.8511
Hunter-Lab	48.9865, -20.3541, 14.2981

Details

The XYZ color **17.9404, 23.9968, 16.5182** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.2895, 17.3108, 28.2069**, and the grayscale version is **20.2351, 21.2889, 23.1837**.

A 20% lighter version of the original color is **39.3930, 49.9522, 38.1374**, and **6.1327, 9.0210, 5.1594** is the 20% darker color. If you saturate the color by 10%, you get **15.8198, 22.9780, 13.0879**, and if you desaturate by 10%, it is **20.4638, 25.2113, 20.5688**.

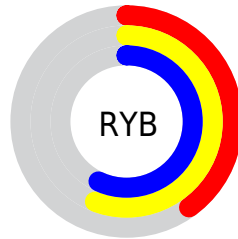
Distribution



Red (40%)

Green (57%)

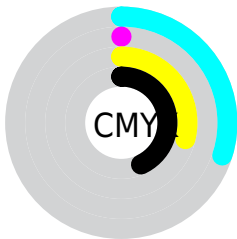
Blue (40%)



Red (40%)

Yellow (56%)

Blue (57%)

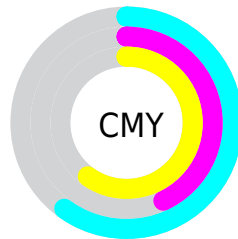


Cyan (30%)

Magenta (0%)

Yellow (29%)

Black (43%)



Cyan (60%)

Magenta (43%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9404, 23.9968, 16.5182 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 17.9404, 23.9968, 16.5182 by changing the saturation by 10% instead.

■ 17.9404, 23.9968,
16.5182

■ 17.9404, 23.9968,
16.5182

233.5870,
272.8043, 244.3296

■ 11.0066, 15.3312,
9.7333

■ 39.4666, 50.0250,
38.2747

■ 6.1386, 9.0522,
5.1192

■ 54.7898, 68.1564,
54.0834

■ 2.9710, 4.7752,
2.2574

■ 73.6401, 90.2119,
73.7371

■ 1.1385, 2.1160,
0.7072

■ 96.3830, 116.5758,
97.6544

■ 0.0569, 0.6736,
0.0000

123.3838,
147.6327, 126.2537

■ 0.0000, 0.0000,
0.0000

155.0078,

183.7668, 159.9537

191.6204,
225.3625, 199.1728

■ 17.9404, 23.9968,
16.5182

■ 17.9404, 23.9968,
16.5182

■ 15.8198, 22.9780,
13.0879

■ 20.4638, 25.2113,
20.5688

■ 14.0793, 22.1419,
10.2458

■ 23.4073, 26.6278,
25.2664

■ 12.6971, 21.4785,
7.9593


■ 26.7895, 28.2560,
30.6382


■ 11.6482, 20.9758,
6.1920


■ 30.6274, 30.1041,
36.7093


■ 10.9043, 20.6201,
4.9033


■ 34.9370, 32.1799,
43.5037

 10.4328, 20.3955,
4.0466

 39.7335, 34.4907,
51.0440

 10.1620, 20.2662,
3.5655

 45.0316, 37.0435,
59.3520

 50.8452, 39.8452,
68.4485

 57.1877, 42.9022,
78.3535

Harmonies

Analogous

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



20.2897, 23.9968, 12.4526



17.9404, 23.9968, 16.5182



16.9087, 23.9968, 24.0965

Triad

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



17.9404, 23.9968, 16.5182



22.0873, 23.9968, 49.5014



29.3389, 23.9968, 19.3264

Complementary

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



17.9404, 23.9968, 16.5182



21.2895, 17.3108, 28.2069

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.



29.9416, 23.9968, 28.2715



17.9404, 23.9968, 16.5182



25.5270, 23.9968, 47.3153

Square

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



17.9404, 23.9968, 16.5182



19.1445, 23.9968, 44.2820



28.4854, 23.9968, 38.8884



26.9119, 23.9968, 13.7698

Rectangle

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



17.9404, 23.9968, 16.5182



17.0257, 23.9968, 30.7831



28.4854, 23.9968, 38.8884



29.7710, 23.9968, 21.9683

Sweetspot

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



17.9410, 23.9978, 16.5187



42.5778, 48.0023, 46.2978



23.8957, 27.0790, 16.2794



9.3052, 10.5984, 10.0341



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.



17.9410, 23.9978, 16.5187



29.6148, 41.7661, 25.5221



19.1606, 24.4856, 22.9409



5.3522, 6.0331, 5.8206



8.7186, 17.3833, 3.0723



0.0849, 0.1668, 0.0377

Inverse Universe

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



21.2895, 17.3108, 28.2069



36.5428, 27.9276, 49.7026



19.8155, 16.7212, 20.4448



5.6158, 5.5069, 6.7409



13.9786, 6.7485, 21.3365



0.1358, 0.0654, 0.2152

Previews

White Background



This preview shows how the XYZ color 17.9404, 23.9968, 16.5182 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 17.9404, 23.9968, 16.5182 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 17.9404, 23.9968, 16.5182

Background



This preview shows how black text looks on a background with the XYZ color 17.9404, 23.9968, 16.5182.



This preview shows how white text looks on a background with the XYZ color 17.9404, 23.9968,

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

17.9404, 23.9968, 16.5182

Protanopia

22.2313, 23.8613, 14.9893

Deuteranopia

24.2144, 23.8300, 17.2333



Tritanopia

21.1680, 23.9822, 32.3675

Trichromacy



Original Color

17.9404, 23.9968, 16.5182

Protanomaly

20.2908, 23.6863, 15.5591

Deuteranomaly

21.4188, 23.6028, 17.0626

Tritanomaly

19.8219, 23.8690, 25.7528

Monochromacy



Original Color

17.9404, 23.9968, 16.5182

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 17.9404, 23.9968, 16.5182 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, 103)` looks like.

```
.text, #text, p{  
    color:rgb(101, 145, 103)  
}
```

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, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 145, 103) }
```

Border

The CSS property to change the border of an element to XYZ 17.9404, 23.9968, 16.5182 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, 103) }
```


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

```
.border{ border-color:rgb(101, 145, 103) }
```

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, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 145, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 145, 103);  
box-shadow:4px 4px 4px 4px rgb(101, 145,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9404, 23.9968, 16.5182 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, 103) }
```

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

```
.background{ background-color: rgb(101,  
145, 103) }
```

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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