

Converting Colors

XYZ(17.3221, 23.4364, 20.6892)

Have a look what the booklet for
XYZ(17.3221, 23.4364, 20.6892)
contains.

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Color

**XYZ(17.2678, 23.3292,
20.7324)**

Conversions

Conversions Part 1

Format	Color
Hex	589076
RGB	88, 144, 118
RGB Percent	35%, 56%, 46%
CMY	0.6549, 0.4353, 0.5373
CMYK	0.39, 0.00, 0.18, 0.44
HSL	152°, 24%, 45%
HSV	152°, 39%, 56%
XYZ	17.2678, 23.3292, 20.7324
YIQ	124.2920, -25.0300, -19.9580

Conversions

Conversions Part 2

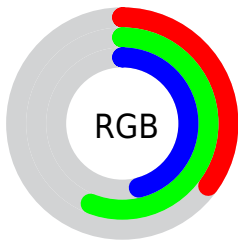
Format	Color
R_{YB}	88, 124, 144
Decimal	5804150
CIE _{Lab}	55.41, -24.62, 8.06
CIE _{LCh}	55, 25.902, 161.871
Yxy	23.3292, 0.2816, 0.3804
Android (android.graphics.Color)	4283994230 (0xFF589076)
YUV	124.2920, -3.1020, -31.8281
Hunter-Lab	48.3003, -20.7102, 8.3606

Details

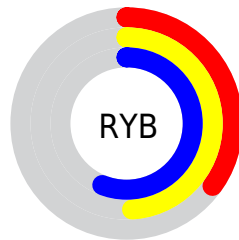
The XYZ color **17.2678, 23.3292, 20.7324** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.0294, 14.1243, 17.6967**, and the grayscale version is **19.2721, 20.2758, 22.0803**.

A 20% lighter version of the original color is **38.2650, 48.8659, 45.4455**, and **5.8192, 8.6830, 7.1636** is the 20% darker color. If you saturate the color by 10%, you get **15.6538, 22.5421, 18.6560**, and if you desaturate by 10%, it is **19.1806, 24.2683, 22.9708**.

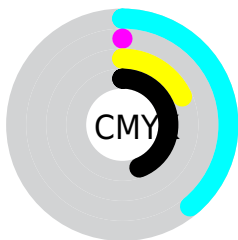
Distribution



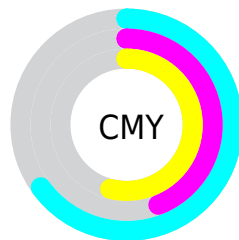
- Red (35%)
- Green (56%)
- Blue (46%)



- Red (35%)
- Yellow (49%)
- Blue (56%)



- Cyan (39%)
- Magenta (0%)
- Yellow (18%)
- Black (44%)



- Cyan (65%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2678, 23.3292, 20.7324 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 17.2678, 23.3292, 20.7324 by changing the saturation by 10% instead.

■ 17.2678, 23.3292,
20.7324

■ 17.2678, 23.3292,
20.7324

229.8372,
269.4114, 268.5871

■ 10.5221, 14.8368,
12.7392

■ 38.3256, 48.9333,
45.5167

■ 5.8114, 8.7049,
7.1206

■ 53.3684, 66.8138,
63.1450

■ 2.7703, 4.5492,
3.4580

■ 71.9076, 88.5924,
84.8219

■ 1.0335, 1.9853,
1.3330

■ 94.3086, 114.6535,
110.9662

■ 0.0000, 0.5989,
0.0886

■ 120.9367,
145.3816, 141.9963

■ 0.0000, 0.0000,
0.0000

152.1572,

181.1610, 178.3308

188.3356,
222.3761, 220.3882

■ 17.2678, 23.3292,
20.7324

■ 17.2678, 23.3292,
20.7324

■ 15.6538, 22.5421,
18.6560

■ 19.1806, 24.2683,
22.9708

■ 14.3200, 21.8956,
16.7363

■ 21.4054, 25.3644,
25.3733

■ 13.2490, 21.3815,
14.9698

■ 23.9569, 26.6255,
27.9440

■ 12.4203, 20.9892,
13.3524

■ 26.8485, 28.0585,
30.6861

■ 11.8100, 20.7065,
11.8794

■ 30.0926, 29.6697,
33.6032

■ 11.3647, 20.5060,
10.5451

■ 33.7010, 31.4651,
36.6982

■ 11.3182, 20.4851,
10.4048

■ 37.6850, 33.4506,
39.9743

■ 42.0554, 35.6315,
43.4346

■ 46.8226, 38.0133,
47.0819

Harmonies

Analogous

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



18.6433, 23.3292, 15.2358



17.2678, 23.3292, 20.7324



17.1343, 23.3292, 28.8442

Triad

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



17.2678, 23.3292, 20.7324



23.3453, 23.3292, 44.5425



26.6089, 23.3292, 16.1332

Complementary

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



17.2678, 23.3292, 20.7324



18.0294, 14.1243, 17.6967

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.



28.1155, 23.3292, 22.2443



17.2678, 23.3292, 20.7324



26.1238, 23.3292, 39.3078

Square

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



17.2678, 23.3292, 20.7324



20.4771, 23.3292, 43.8870



27.9305, 23.3292, 30.7238



23.9616, 23.3292, 13.0086

Rectangle

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



17.2678, 23.3292, 20.7324



17.7514, 23.3292, 34.8417



27.9305, 23.3292, 30.7238



27.2755, 23.3292, 17.8420

Sweetspot

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



17.2684, 23.3302, 20.7329



40.6761, 46.1794, 47.7290



18.6923, 24.2384, 12.9263



9.2098, 10.5315, 10.8271



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.



17.2684, 23.3302, 20.7329



27.8506, 39.8752, 33.2306



18.7522, 23.4750, 29.9294



5.4560, 6.0746, 6.3674



9.8677, 17.8429, 9.1233



0.1055, 0.1750, 0.1459

Inverse Universe

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



18.0294, 14.1243, 17.6967



29.3966, 21.1895, 27.0749



16.9087, 13.9244, 11.0295



5.5065, 5.4631, 6.1654



10.9061, 5.5195, 5.1568



0.1152, 0.0571, 0.1070

Previews

White Background



This preview shows how the XYZ color 17.2678, 23.3292, 20.7324 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 17.2678, 23.3292, 20.7324 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 17.2678, 23.3292, 20.7324

Background



This preview shows how black text looks on a background with the XYZ color 17.2678, 23.3292, 20.7324.



This preview shows how white text looks on a background with the XYZ color 17.2678, 23.3292,

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

17.2678, 23.3292, 20.7324

Protanopia

21.8234, 23.1613, 18.6496

Deuteranopia

23.4966, 22.9734, 21.6083



Tritanopia

19.6424, 23.1864, 32.7183

Trichromacy



Original Color

17.2678, 23.3292, 20.7324

Protanomaly

19.5872, 22.8163, 19.2912

Deuteranomaly

20.5911, 22.6676, 21.3792

Tritanomaly

18.6993, 23.2410, 27.9265

Monochromacy



Original Color

17.2678, 23.3292, 20.7324

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.1847, 21.0172, 21.5107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2678, 23.3292, 20.7324 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(88, 144, 118)` looks like.

```
.text, #text, p{  
    color:rgb(88, 144, 118)  
}
```

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(88, 144, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 144, 118) }
```

Border

The CSS property to change the border of an element to XYZ 17.2678, 23.3292, 20.7324 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(88, 144, 118) }
```


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

```
.border{ border-color:rgb(88, 144, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 144, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 144, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 144, 118);  
box-shadow:4px 4px 4px 4px rgb(88, 144,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2678, 23.3292, 20.7324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 144, 118) }
```

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

```
.background{ background-color: rgb(88, 144,  
118) }
```

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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