

Converting Colors

XYZ(17.5292, 25.6810, 16.0896)

Have a look what the booklet for
XYZ(17.5292, 25.6810, 16.0896)
contains.

XYZ(17.5292, 25.6810, 16.0896)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.5292, 25.6810,
16.0896)**

Conversions

Conversions Part 1

Format	Color
Hex	569964
RGB	86, 153, 100
RGB Percent	34%, 60%, 39%
CMY	0.6627, 0.4000, 0.6078
CMYK	0.44, 0.00, 0.35, 0.40
HSL	133°, 28%, 47%
HSV	133°, 44%, 60%
XYZ	17.5292, 25.6810, 16.0896
YIQ	126.9250, -22.9190, -30.6870

Conversions

Conversions Part 2

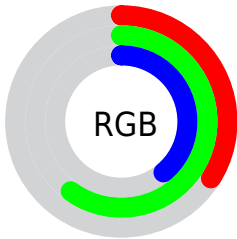
Format	Color
RYB	86, 141, 153
Decimal	5675364
CIELab	57.73, -33.21, 21.39
CIELCh	58, 39.501, 147.215
Yxy	25.6810, 0.2956, 0.4331
Android (android.graphics.Color)	4283865444 (0xFF569964)
YUV	126.9250, -13.2740, -35.8912
Hunter-Lab	50.6764, -26.9398, 16.6491

Details

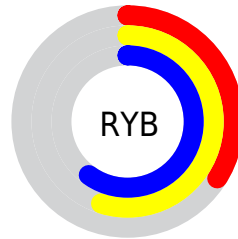
The XYZ color **17.5292, 25.6810, 16.0896** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.1256, 15.2924, 26.2652**, and the grayscale version is **20.1973, 21.2491, 23.1403**.

A 20% lighter version of the original color is **38.7893, 52.8351, 37.4319**, and **5.9235, 9.8877, 4.9645** is the 20% darker color. If you saturate the color by 10%, you get **15.7256, 24.8147, 13.1713**, and if you desaturate by 10%, it is **19.7228, 26.7398, 19.4816**.

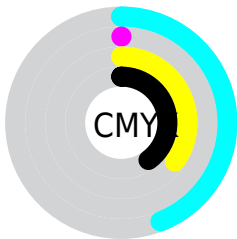
Distribution



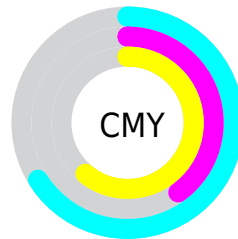
- Red (34%)
- Green (60%)
- Blue (39%)



- Red (34%)
- Yellow (55%)
- Blue (60%)



- Cyan (44%)
- Magenta (0%)
- Yellow (35%)
- Black (40%)



- Cyan (66%)
- Magenta (40%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5292, 25.6810, 16.0896 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 17.5292, 25.6810, 16.0896 by changing the saturation by 10% instead.

■ 17.5292, 25.6810,
16.0896

■ 17.5292, 25.6810,
16.0896

231.3011,
281.2126, 241.7336

■ 10.7101, 16.5851,
9.4325

■ 38.7698, 52.7599,
37.5226

■ 5.9381, 9.9392,
4.9237

■ 53.9221, 71.5117,
53.1357

■ 2.8478, 5.3586,
2.1446

■ 72.5829, 94.2509,
72.5712

■ 1.0738, 2.4592,
0.6421

■ 95.1175, 121.3620,
96.2476

■ 0.0030, 0.8561,
0.0000

■ 121.8912,
153.2293, 124.5835

■ 0.0000, 0.0000,
0.0000

153.2695,

190.2373, 157.9974

189.6177,
232.7702, 196.9080

■ 17.5292, 25.6810,
16.0896

■ 17.5292, 25.6810,
16.0896

■ 15.7256, 24.8147,
13.1713

■ 19.7228, 26.7398,
19.4816

■ 14.2867, 24.1260,
10.7040

■ 22.3256, 27.9983,
23.3653

■ 13.1874, 23.6033,
8.6655


■ 25.3581, 29.4675,
27.7598


■ 12.3983, 23.2319,
7.0312


■ 28.8387, 31.1565,
32.6829


■ 11.8850, 22.9945,
5.7739


■ 32.7848, 33.0738,
38.1513

 11.6521, 22.8876,
5.1681

 37.2127, 35.2276,
44.1811

 42.1380, 37.6256,
50.7876

 47.5758, 40.2751,
57.9856

 53.5403, 43.1834,
65.7894

Harmonies

Analogous

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



20.4789, 25.6810, 10.5975



17.5292, 25.6810, 16.0896



16.4003, 25.6810, 26.7146

Triad

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



17.5292, 25.6810, 16.0896



23.9694, 25.6810, 62.9126



33.4303, 25.6810, 17.6556

Complementary

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



17.5292, 25.6810, 16.0896



21.1256, 15.2924, 26.2652

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.



34.6747, 25.6810, 29.2481



17.5292, 25.6810, 16.0896



28.8123, 25.6810, 58.1373

Square

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



17.5292, 25.6810, 16.0896



19.8050, 25.6810, 56.0982



32.8878, 25.6810, 44.5844



29.6764, 25.6810, 11.2748

Rectangle

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



17.5292, 25.6810, 16.0896



16.7067, 25.6810, 36.4074



32.8878, 25.6810, 44.5844



34.1755, 25.6810, 20.9358

Sweetspot

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



17.5299, 25.6821, 16.0902



45.7243, 52.9223, 50.1598



23.8198, 28.9964, 13.1456



9.8342, 11.5586, 10.7002



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.5299, 25.6821, 16.0902



28.0877, 44.4029, 23.4645



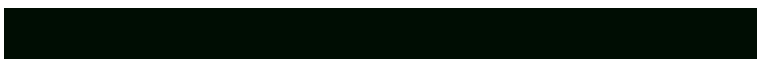
19.4564, 26.4527, 26.2354



6.1823, 6.9457, 6.8837



9.6402, 18.9195, 4.3261



0.1553, 0.2873, 0.1238

Inverse Universe

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



21.1256, 15.2924, 26.2652



35.4066, 23.2114, 44.1422



19.0721, 14.4710, 15.4513



6.4059, 6.3015, 7.5176



13.7235, 6.7436, 15.6009



0.2176, 0.1058, 0.2986

Previews

White Background



This preview shows how the XYZ color 17.5292, 25.6810, 16.0896 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 17.5292, 25.6810, 16.0896 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 17.5292, 25.6810, 16.0896

Background



This preview shows how black text looks on a background with the XYZ color 17.5292, 25.6810, 16.0896.



This preview shows how white text looks on a background with the XYZ color 17.5292, 25.6810,

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

17.5292, 25.6810, 16.0896

Protanopia

23.5033, 25.3747, 14.2487

Deuteranopia

25.7014, 25.2038, 16.8748



Tritanopia

21.5960, 25.6790, 36.1661

Trichromacy



Original Color

17.5292, 25.6810, 16.0896

Protanomaly

20.5380, 24.9251, 14.7949

Deuteranomaly

21.6578, 24.8038, 16.4781

Tritanomaly

19.8789, 25.6807, 27.5761

Monochromacy



Original Color

17.5292, 25.6810, 16.0896

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

18.6971, 22.3374, 20.1557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5292, 25.6810, 16.0896 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(86, 153, 100)` looks like.

```
.text, #text, p{  
    color:rgb(86, 153, 100)  
}
```

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(86, 153, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 153, 100) }
```

Border

The CSS property to change the border of an element to XYZ 17.5292, 25.6810, 16.0896 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(86, 153, 100) }
```


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

```
.border{ border-color:rgb(86, 153, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 153, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 153, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 153, 100);  
box-shadow:4px 4px 4px 4px rgb(86, 153,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5292, 25.6810, 16.0896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 153, 100) }
```

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

```
.background{ background-color: rgb(86, 153,  
100) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor