

Converting Colors

XYZ(17.6098, 25.3471, 5.1978)

Have a look what the booklet for
XYZ(17.6098, 25.3471, 5.1978)
contains.

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Color

**XYZ(17.5711, 25.2214,
5.1704)**

Conversions

Conversions Part 1

Format	Color
Hex	6E961E
RGB	110, 150, 30
RGB Percent	43%, 59%, 12%
CMY	0.5686, 0.4118, 0.8823
CMYK	0.27, 0.00, 0.80, 0.41
HSL	80°, 67%, 35%
HSV	80°, 80%, 59%
XYZ	17.5711, 25.2214, 5.1704
YIQ	124.3600, 14.6800, -45.8000

Conversions

Conversions Part 2

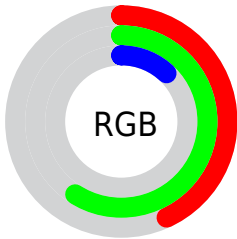
Format	Color
R_{YB}	30, 150, 70
Decimal	7247390
CIE _{Lab}	57.29, -31.07, 53.94
CIE _{LCh}	57, 62.249, 119.947
Yxy	25.2214, 0.3663, 0.5259
Android (android.graphics.Color)	4285437470 (0xFF6E961E)
YUV	124.3600, -46.5195, -12.5937
Hunter-Lab	50.2209, -25.4337, 29.0505

Details

The XYZ color **17.5711, 25.2214, 5.1704** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8.4961, 4.4333, 29.2635**, and the grayscale version is **19.4263, 20.4380, 22.2570**.

A 20% lighter version of the original color is **38.7496, 51.8409, 16.5583**, and **6.1492, 9.7935, 1.5662** is the 20% darker color. If you saturate the color by 10%, you get **16.8188, 24.8515, 4.3625**, and if you desaturate by 10%, it is **18.4509, 25.6481, 6.4613**.

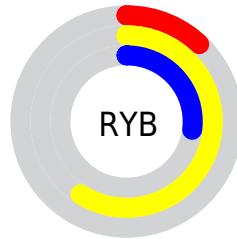
Distribution



Red (43%)

Green (59%)

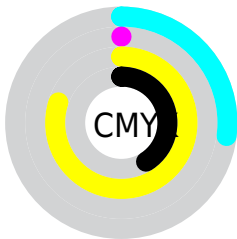
Blue (12%)



Red (12%)

Yellow (59%)

Blue (27%)

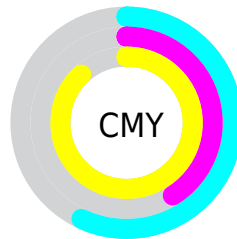


Cyan (27%)

Magenta (0%)

Yellow (80%)

Black (41%)



Cyan (57%)


Magenta (41%)


Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.5711, 25.2214, 5.1704 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 17.5711, 25.2214, 5.1704 by changing the saturation by 10% instead.


 17.5711, 25.2214,
5.1704


 17.5711, 25.2214,
5.1704


231.5349,
278.9387, 160.4606


 10.7403, 16.2421,
2.2871


 38.8410, 52.0162,
16.6299


 5.9585, 9.6956,
0.7240


 54.0108, 70.6004,
26.0432


 2.8603, 5.1976,
0.0000

 72.6909, 93.1551,
38.4703

 1.0803, 2.3637,
0.0000

 95.2468, 120.0646,
54.3296

 0.0085, 0.8071,
0.0000

 122.0438,
151.7133, 74.0397

 0.0000, 0.0000,
0.0000

 153.4473,

188.4856, 98.0193

189.8225,
230.7660, 126.6867

■ 17.5711, 25.2214,
5.1704

■ 17.5711, 25.2214,
5.1704

■ 16.8188, 24.8515,
4.3625

■ 18.4509, 25.6481,
6.4613

■ 16.1623, 24.5230,
3.8817

■ 19.4685, 26.1332,
8.2939

■ 16.1621, 24.5229,
3.8816

■ 20.6348, 26.6820,
10.7203

■ 21.9589, 27.2981,
13.7860

■ 23.4492, 27.9850,
17.5321

■ 25.1133, 28.7458,
21.9964

■ 26.9584, 29.5834,
27.2137

■ 28.9911, 30.5005,
33.2166

■ 31.2178, 31.4998,
40.0359

Harmonies

Analogous

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



23.9854, 25.2214, 3.5869



17.5711, 25.2214, 5.1704



13.6794, 25.2214, 11.7386

Triad

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



17.5711, 25.2214, 5.1704



17.5525, 25.2214, 79.6982



41.1191, 25.2214, 27.4997

Complementary

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



17.5711, 25.2214, 5.1704



8.4961, 4.4333, 29.2635

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.



38.4491, 25.2214, 53.2139



17.5711, 25.2214, 5.1704



23.9590, 25.2214, 91.3230

Square

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



17.5711, 25.2214, 5.1704



13.6703, 25.2214, 53.1121



31.7650, 25.2214, 79.7753



38.4672, 25.2214, 11.7758

Rectangle

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



17.5711, 25.2214, 5.1704



12.5509, 25.2214, 20.9688



31.7650, 25.2214, 79.7753



40.8081, 25.2214, 35.1733

Sweetspot

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



17.5717, 25.2225, 5.1709



42.9641, 50.1101, 35.1302



15.0031, 10.9590, 2.5532



9.3138, 11.0100, 7.2318



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.5717, 25.2225, 5.1709



28.7708, 43.3992, 7.0831



12.4569, 22.5858, 4.9316



6.0795, 6.6488, 6.2034



13.4387, 20.3558, 3.2208



0.1958, 0.2653, 0.0409

Inverse Universe

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



8.4961, 4.4333, 29.2635



12.3088, 5.3481, 51.3048



15.1762, 7.8770, 29.5761



5.6708, 5.7213, 7.2752



5.6882, 2.4049, 24.0954



0.0984, 0.0443, 0.2963

Previews

White Background



This preview shows how the XYZ color 17.5711, 25.2214, 5.1704 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 17.5711, 25.2214, 5.1704 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 17.5711, 25.2214, 5.1704

Background



This preview shows how black text looks on a background with the XYZ color 17.5711, 25.2214, 5.1704.



This preview shows how white text looks on a background with the XYZ color 17.5711, 25.2214,

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

17.5711, 25.2214, 5.1704

Protanopia

22.4699, 24.8405, 4.6473

Deuteranopia

25.3789, 24.8891, 5.4740



Tritanopia

23.1324, 25.2015, 32.9233

Trichromacy



Original Color

17.5711, 25.2214, 5.1704

Protanomaly

20.3638, 24.8331, 4.8186

Deuteranomaly

21.6585, 24.4083, 5.2388

Tritanomaly

20.0983, 24.8596, 17.6490

Monochromacy



Original Color

17.5711, 25.2214, 5.1704

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

17.8407, 21.4352, 12.8700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5711, 25.2214, 5.1704 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(110, 150, 30)` looks like.

```
.text, #text, p{  
    color:rgb(110, 150, 30)  
}
```

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(110, 150, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 150, 30) }
```

Border

The CSS property to change the border of an element to XYZ 17.5711, 25.2214, 5.1704 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(110, 150, 30) }
```


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

```
.border{ border-color:rgb(110, 150, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 150, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 150, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 150, 30);  
box-shadow:4px 4px 4px 4px rgb(110, 150,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5711, 25.2214, 5.1704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 150, 30) }
```

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

```
.background{ background-color: rgb(110,  
150, 30) }
```

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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