

Converting Colors

XYZ(17.6757, 25.4092, 3.9729)

Have a look what the booklet for
XYZ(17.6757, 25.4092, 3.9729)
contains.

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Color

**XYZ(17.5884, 25.2574,
3.9482)**

Conversions

Conversions Part 1

Format	Color
Hex	709600
RGB	112, 150, 0
RGB Percent	44%, 59%, 0%
CMY	0.5608, 0.4118, 0.9999
CMYK	0.25, 0.00, 1.00, 0.41
HSL	75°, 100%, 29%
HSV	75°, 100%, 59%
XYZ	17.5884, 25.2574, 3.9482
YIQ	121.5380, 25.5020, -54.7060

Conversions

Conversions Part 2

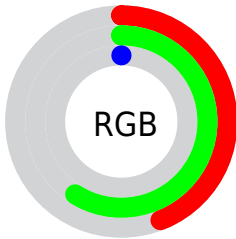
Format	Color
RYB	0, 150, 38
Decimal	7378432
CIELab	57.33, -31.13, 60.23
CIELCh	57, 67.796, 117.335
Yxy	25.2574, 0.3759, 0.5398
Android (android.graphics.Color)	4285568512 (0xFF709600)
YUV	121.5380, -59.9182, -8.3648
Hunter-Lab	50.2567, -25.4795, 30.5219

Details

The XYZ color **17.5884, 25.2574, 3.9482** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6.3054, 2.6148, 29.0280**, and the grayscale version is **18.5322, 19.4973, 21.2325**.

A 20% lighter version of the original color is **38.8786, 51.9655, 13.9425**, and **6.2068, 9.8232, 1.5689** is the 20% darker color. If you saturate the color by 10%, you get **17.5885, 25.2583, 3.9483**, and if you desaturate by 10%, it is **18.1691, 25.5476, 4.4260**.

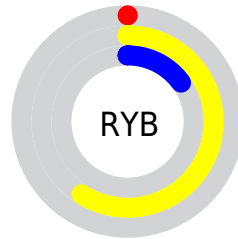
Distribution



Red (44%)

Green (59%)

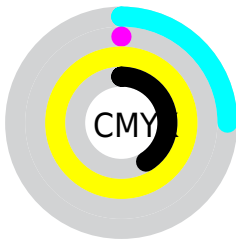
Blue (0%)



Red (0%)

Yellow (59%)

Blue (15%)

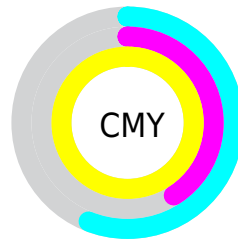


Cyan (25%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (56%)

Magenta (41%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5884, 25.2574, 3.9482 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 17.5884, 25.2574, 3.9482 by changing the saturation by 10% instead.

■ 17.5884, 25.2574,
3.9482

■ 17.5884, 25.2574,
3.9482

231.6314,
279.1174, 147.6479

■ 10.7528, 16.2689,
1.5970

■ 38.8703, 52.0745,
13.8901

■ 5.9669, 9.7147,
0.2887

■ 54.0473, 70.6719,
22.3179

■ 2.8654, 5.2102,
0.0000

■ 72.7355, 93.2411,
33.6082

■ 1.0830, 2.3711,
0.0000

■ 95.3002, 120.1664,
48.1797


■ 0.0108, 0.8110,
0.0000


■ 122.1068,
151.8324, 66.4509


■ 0.0000, 0.0000,
0.0000


■ 153.5206,


188.6232, 88.8403


 189.9071,
230.9234, 115.7664


 17.5884, 25.2574,
3.9482


 17.5884, 25.2574,
3.9482


 17.5885, 25.2583,
3.9483

 18.1691, 25.5476,
4.4260

 18.8319, 25.8722,
5.2305

 19.6068, 26.2440,
6.5163

 20.5055, 26.6678,
8.3437

 21.5380, 27.1476,
10.7642

■ 22.7132, 27.6869,
13.8233

■ 24.0391, 28.2890,
17.5622

■ 25.5231, 28.9570,
22.0185

■ 27.1720, 29.6934,
27.2271

Harmonies

Analogous

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



24.7319, 25.2574, 2.7530



17.5884, 25.2574, 3.9482



13.2084, 25.2574, 9.8665

Triad

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



17.5884, 25.2574, 3.9482



16.5966, 25.2574, 84.0912



42.9808, 25.2574, 29.6099

Complementary

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



17.5884, 25.2574, 3.9482



6.3054, 2.6148, 29.0280

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.



39.5013, 25.2574, 58.9584



17.5884, 25.2574, 3.9482



23.2952, 25.2574, 99.5980

Square

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



17.5884, 25.2574, 3.9482



12.7319, 25.2574, 53.2305



31.8219, 25.2574, 88.4999



40.5109, 25.2574, 11.7771

Rectangle

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



17.5884, 25.2574, 3.9482



11.8683, 25.2574, 18.8965



31.8219, 25.2574, 88.4999



42.4534, 25.2574, 38.3865

Sweetspot

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



17.5890, 25.2585, 3.9487



42.2734, 49.8544, 30.5609



13.2560, 7.8396, 0.8149



9.1657, 10.9566, 6.1915



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.



17.5890, 25.2585, 3.9487



30.8707, 44.4867, 6.9597



11.6884, 22.2167, 3.6726



6.1234, 6.6715, 6.2054



14.6172, 20.9633, 3.2759



0.2060, 0.2706, 0.0414

Inverse Universe

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



6.3054, 2.6148, 29.0280



10.9868, 4.5416, 51.2188



12.2521, 5.6804, 29.3063



5.6291, 5.6998, 7.2732



5.2552, 2.1817, 24.0752



0.0882, 0.0390, 0.2958

Previews

White Background



This preview shows how the XYZ color 17.5884, 25.2574, 3.9482 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 17.5884, 25.2574, 3.9482 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 17.5884, 25.2574, 3.9482

Background



This preview shows how black text looks on a background with the XYZ color 17.5884, 25.2574, 3.9482.



This preview shows how white text looks on a background with the XYZ color 17.5884, 25.2574,

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

17.5884, 25.2574, 3.9482

Protanopia

22.6060, 25.1455, 3.6621

Deuteranopia

25.4258, 24.9333, 4.5711



Tritanopia

23.4227, 25.1352, 32.8952

Trichromacy



Original Color

17.5884, 25.2574, 3.9482

Protanomaly

20.3205, 24.8350, 3.7226

Deuteranomaly

21.8173, 24.5143, 4.1541

Tritanomaly

19.8189, 24.5544, 14.7612

Monochromacy



Original Color

17.5884, 25.2574, 3.9482

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.0976, 20.9041, 10.3415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5884, 25.2574, 3.9482 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(112, 150, 0)` looks like.

```
.text, #text, p{  
    color:rgb(112, 150, 0)  
}
```

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(112, 150, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 150, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.5884, 25.2574, 3.9482 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(112, 150, 0) }
```


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

```
.border{ border-color:rgb(112, 150, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 150, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 150, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 150, 0);  
box-shadow:4px 4px 4px 4px rgb(112, 150,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5884, 25.2574, 3.9482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 150, 0) }
```

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

```
.background{ background-color: rgb(112,  
150, 0) }
```

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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