

Converting Colors

XYZ(17.6121, 25.2718, 8.8483)

Have a look what the booklet for
XYZ(17.6121, 25.2718, 8.8483)
contains.

XYZ(17.5407, 25.1259, 8.7758)	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(17.5407, 25.1259,
8.7758)**

Conversions

Conversions Part 1

Format	Color
Hex	689640
RGB	104, 150, 64
RGB Percent	41%, 59%, 25%
CMY	0.5922, 0.4118, 0.7490
CMYK	0.31, 0.00, 0.57, 0.41
HSL	92°, 40%, 42%
HSV	92°, 57%, 59%
XYZ	17.5407, 25.1259, 8.7758
YIQ	126.4420, 0.1900, -36.4980

Conversions

Conversions Part 2

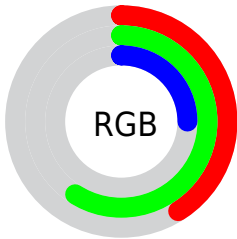
Format	Color
RYB	64, 150, 110
Decimal	6854208
CIELab	57.20, -30.84, 39.81
CIELCh	57, 50.359, 127.763
Yxy	25.1259, 0.3410, 0.4884
Android (android.graphics.Color)	4285044288 (0xFF689640)
YUV	126.4420, -30.7839, -19.6816
Hunter-Lab	50.1257, -25.2568, 24.7078

Details

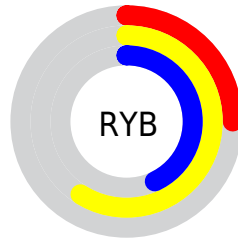
The XYZ color **17.5407, 25.1259, 8.7758** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **13.7699, 9.1845, 29.9026**, and the grayscale version is **20.0842, 21.1301, 23.0107**.

A 20% lighter version of the original color is **38.7879, 51.6926, 24.1530**, and **5.9444, 9.6803, 1.9030** is the 20% darker color. If you saturate the color by 10%, you get **16.2827, 24.5210, 6.7808**, and if you desaturate by 10%, it is **19.0034, 25.8246, 11.3808**.

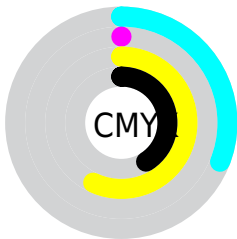
Distribution



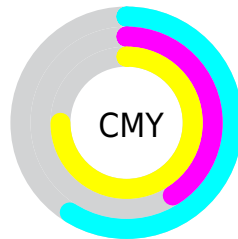
- Red (41%)
- Green (59%)
- Blue (25%)



- Red (25%)
- Yellow (59%)
- Blue (43%)



- Cyan (31%)
- Magenta (0%)
- Yellow (57%)
- Black (41%)



- Cyan (59%)
- Magenta (41%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5407, 25.1259, 8.7758 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 17.5407, 25.1259, 8.7758 by changing the saturation by 10% instead.

■ 17.5407, 25.1259,
8.7758

■ 17.5407, 25.1259,
8.7758

231.3653,
278.4644, 191.8525

■ 10.7184, 16.1709,
4.5004

■ 38.7894, 51.8614,
24.0367

■ 5.9437, 9.6452,
1.9037

■ 53.9465, 70.4107,
35.8592

■ 2.8512, 5.1643,
0.4951

■ 72.6126, 92.9268,
51.0346

■ 1.0756, 2.3440,
0.0000

■ 95.1530, 119.7942,
69.9813

■ 0.0045, 0.7969,
0.0000

■ 121.9331,
151.3973, 93.1179

■ 0.0000, 0.0000,
0.0000

153.3183,

188.1204, 120.8630

189.6739,
230.3479, 153.6350

■ 17.5407, 25.1259,
8.7758

■ 17.5407, 25.1259,
8.7758

■ 16.2827, 24.5210,
6.7808

■ 19.0034, 25.8246,
11.3808

■ 15.2156, 24.0016,
5.3443

■ 20.6798, 26.6184,
14.6384

■ 14.3267, 23.5631,
4.4092

■ 22.5803, 27.5127,
18.5894

■ 13.5942, 23.1966,
3.8758

■ 24.7141, 28.5113,
23.2707

■ 13.4157, 23.1071,
3.7530

■ 27.0899, 29.6180,
28.7168

■ 29.7158, 30.8362,
34.9596

■ 32.5995, 32.1693,
42.0296

■ 35.7484, 33.6205,
49.9555

■ 39.1695, 35.1927,
58.7646

Harmonies

Analogous

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



22.3699, 25.1259, 6.0470



17.5407, 25.1259, 8.7758



14.7834, 25.1259, 16.7413

Triad

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



17.5407, 25.1259, 8.7758



19.8099, 25.1259, 70.2471



37.0983, 25.1259, 23.1684

Complementary

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



17.5407, 25.1259, 8.7758



13.7699, 9.1845, 29.9026

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.



36.1071, 25.1259, 41.7176



17.5407, 25.1259, 8.7758



25.4595, 25.1259, 74.3283

Square

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



17.5407, 25.1259, 8.7758



15.9339, 25.1259, 52.7138



31.5911, 25.1259, 62.2745



34.1103, 25.1259, 11.8037

Rectangle

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



17.5407, 25.1259, 8.7758



14.1804, 25.1259, 26.0992



31.5911, 25.1259, 62.2745



37.2273, 25.1259, 28.6563

Sweetspot

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



17.5413, 25.1270, 8.7763



43.6119, 50.3134, 41.0636



19.0656, 17.9783, 7.3162



9.5105, 11.0780, 8.7548



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.



17.5413, 25.1270, 8.7763



28.1293, 42.9790, 11.0990



14.0306, 23.3075, 9.0490



5.9706, 6.5927, 6.1983



11.1626, 19.1824, 3.1142



0.1701, 0.2520, 0.0397

Inverse Universe

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



13.7699, 9.1845, 29.9026



20.7896, 11.9999, 52.1417



19.6890, 12.2623, 28.9891



5.7779, 5.7765, 7.2802



7.3635, 3.2686, 24.1738



0.1242, 0.0576, 0.2975

Previews

White Background



This preview shows how the XYZ color 17.5407, 25.1259, 8.7758 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 17.5407, 25.1259, 8.7758 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 17.5407, 25.1259, 8.7758

Background



This preview shows how black text looks on a background with the XYZ color 17.5407, 25.1259, 8.7758.



This preview shows how white text looks on a background with the XYZ color 17.5407, 25.1259,

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

17.5407, 25.1259, 8.7758

Protanopia

22.7102, 24.8930, 7.8828

Deuteranopia

25.2053, 24.7198, 9.0732



Tritanopia

22.5285, 25.0987, 33.3629

Trichromacy



Original Color

17.5407, 25.1259, 8.7758

Protanomaly

20.5070, 24.8338, 8.1275

Deuteranomaly

21.6358, 24.3163, 8.8634

Tritanomaly

20.0455, 24.7473, 21.4895

Monochromacy



Original Color

17.5407, 25.1259, 8.7758

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.5834, 22.1588, 16.1296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5407, 25.1259, 8.7758 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(104, 150, 64)` looks like.

```
.text, #text, p{  
    color:rgb(104, 150, 64)  
}
```

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(104, 150, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 150, 64) }
```

Border

The CSS property to change the border of an element to XYZ 17.5407, 25.1259, 8.7758 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(104, 150, 64) }
```


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

```
.border{ border-color:rgb(104, 150, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 150, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 150, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 150, 64);  
box-shadow:4px 4px 4px 4px rgb(104, 150,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5407, 25.1259, 8.7758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 150, 64) }
```

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

```
.background{ background-color: rgb(104,  
150, 64) }
```

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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