

Converting Colors

XYZ(17.5185, 24.1392, 11.8143)

Have a look what the booklet for
XYZ(17.5185, 24.1392, 11.8143)
contains.

XYZ(17.5108, 24.1100, 11.7134)	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(17.5108, 24.1100,
11.7134)**

Conversions

Conversions Part 1

Format	Color
Hex	689252
RGB	104, 146, 82
RGB Percent	41%, 57%, 32%
CMY	0.5922, 0.4274, 0.6784
CMYK	0.29, 0.00, 0.44, 0.43
HSL	99°, 28%, 45%
HSV	99°, 44%, 57%
XYZ	17.5108, 24.1100, 11.7134
YIQ	126.1460, -4.4880, -28.8080

Conversions

Conversions Part 2

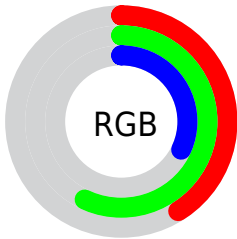
Format	Color
R_{YB}	82, 146, 124
Decimal	6853202
CIE _{Lab}	56.20, -26.69, 29.36
CIE _{LCh}	56, 39.678, 132.274
Yxy	24.1100, 0.3283, 0.4521
Android (android.graphics.Color)	4285043282 (0xFF689252)
YUV	126.1460, -21.7640, -19.4220
Hunter-Lab	49.1019, -22.2715, 20.2276

Details

The XYZ color **17.5108, 24.1100, 11.7134** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.5188, 12.3957, 28.7174**, and the grayscale version is **19.9543, 20.9934, 22.8619**.

A 20% lighter version of the original color is **38.7238, 50.1426, 29.4673**, and **5.9169, 9.0900, 3.0328** is the 20% darker color. If you saturate the color by 10%, you get **15.9637, 23.3707, 9.0432**, and if you desaturate by 10%, it is **19.3037, 24.9639, 15.0133**.

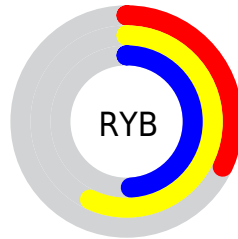
Distribution



Red (41%)

Green (57%)

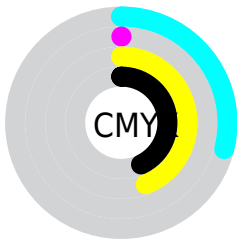
Blue (32%)



Red (32%)

Yellow (57%)

Blue (49%)

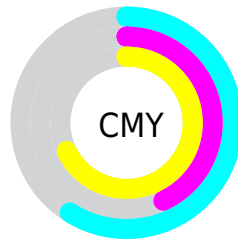


Cyan (29%)

Magenta (0%)

Yellow (44%)

Black (43%)



Cyan (59%)

Magenta (43%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5108, 24.1100, 11.7134 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 17.5108, 24.1100, 11.7134 by changing the saturation by 10% instead.

■ 17.5108, 24.1100,
11.7134

■ 17.5108, 24.1100,
11.7134

231.1983,
273.3761, 213.4087

■ 10.6969, 15.4152,
6.4287

■ 38.7386, 50.2096,
29.6286

■ 5.9292, 9.1113,
3.0345

■ 53.8832, 68.3833,
43.0961

■ 2.8423, 4.8139,
1.1123

■ 72.5355, 90.4854,
60.1284

■ 1.0709, 2.1385,
0.0000

■ 95.0607, 116.9003,
81.1438

■ 0.0006, 0.6861,
0.0000

■ 121.8242,
148.0125, 106.5610

■ 0.0000, 0.0000,
0.0000

153.1914,

184.2062, 136.7986

189.5277,
225.8660, 172.2749

■ 17.5108, 24.1100,
11.7134

■ 17.5108, 24.1100,
11.7134

■ 15.9637, 23.3707,
9.0432

■ 19.3037, 24.9639,
15.0133

■ 14.6489, 22.7376,
6.9609

■ 21.3517, 25.9340,
18.9778

■ 13.5541, 22.2061,
5.4226


■ 23.6653, 27.0259,
23.6412


■ 12.6649, 21.7700,
4.3770


■ 26.2544, 28.2439,
29.0349


■ 11.9647, 21.4218,
3.7627

■ 29.1280, 29.5921,
35.1884

 11.6039, 21.2415,
3.4884

 32.2948, 31.0743,
42.1297

 35.7631, 32.6941,
49.8852

 39.5407, 34.4553,
58.4802

 43.6355, 36.3611,
67.9389

Harmonies

Analogous

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



21.1025, 24.1100, 8.5691



17.5108, 24.1100, 11.7134



15.5395, 24.1100, 19.3264

Triad

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



17.5108, 24.1100, 11.7134



20.3494, 24.1100, 58.1580



32.5922, 24.1100, 21.2684

Complementary

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



17.5108, 24.1100, 11.7134



16.5188, 12.3957, 28.7174

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.



32.3201, 24.1100, 34.6605



17.5108, 24.1100, 11.7134



24.8302, 24.1100, 59.2146

Square

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



17.5108, 24.1100, 11.7134



17.0227, 24.1100, 47.0178



29.3323, 24.1100, 49.5520



30.0328, 24.1100, 12.7272

Rectangle

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



17.5108, 24.1100, 11.7134



15.2258, 24.1100, 27.2605



29.3323, 24.1100, 49.5520



32.8375, 24.1100, 25.2681

Sweetspot

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



17.5114, 24.1110, 11.7139



41.9947, 47.7915, 42.2134



20.5356, 21.0364, 10.9611



9.1504, 10.5413, 8.9981



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.



17.5114, 24.1110, 11.7139



28.1010, 41.1981, 15.8538



15.6736, 23.1184, 13.6704



5.9064, 6.5596, 6.1953



10.2331, 18.7032, 3.0707



0.1546, 0.2440, 0.0390

Inverse Universe

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



16.5188, 12.3957, 28.7174



26.0875, 17.6561, 50.0066



19.3447, 13.9352, 25.1131



5.8437, 5.8104, 7.2833



8.8182, 4.0185, 24.2419



0.1397, 0.0655, 0.2982

Previews

White Background



This preview shows how the XYZ color 17.5108, 24.1100, 11.7134 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 17.5108, 24.1100, 11.7134 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 17.5108, 24.1100, 11.7134

Background



This preview shows how black text looks on a background with the XYZ color 17.5108, 24.1100, 11.7134.



This preview shows how white text looks on a background with the XYZ color 17.5108, 24.1100,

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

17.5108, 24.1100, 11.7134

Protanopia

21.9329, 23.8033, 10.6462

Deuteranopia

24.2992, 23.7916, 12.1156



Tritanopia

21.5835, 23.9917, 31.9271

Trichromacy



Original Color

17.5108, 24.1100, 11.7134

Protanomaly

19.8598, 23.5668, 10.8993

Deuteranomaly

21.2882, 23.6465, 12.0366

Tritanomaly

19.7821, 23.9099, 22.9745

Monochromacy



Original Color

17.5108, 24.1100, 11.7134

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.6732, 21.7524, 17.9663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5108, 24.1100, 11.7134 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, 146, 82)` looks like.

```
.text, #text, p{  
    color:rgb(104, 146, 82)  
}
```

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, 146, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 146, 82) }
```

Border

The CSS property to change the border of an element to XYZ 17.5108, 24.1100, 11.7134 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, 146, 82) }
```


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

```
.border{ border-color:rgb(104, 146, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 146, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 146, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 146, 82);  
box-shadow:4px 4px 4px 4px rgb(104, 146,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5108, 24.1100, 11.7134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 146, 82) }
```

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

```
.background{ background-color: rgb(104,  
146, 82) }
```

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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