

Converting Colors

XYZ(11.2004, 18.4187, 5.7357)

Have a look what the booklet for
XYZ(11.2004, 18.4187, 5.7357)
contains.

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Color

**XYZ(11.1730, 18.3536,
5.7500)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 408630 |
| RGB | 64, 134, 48 |
| RGB Percent | 25%, 53%, 19% |
| CMY | 0.7490, 0.4745, 0.8118 |
| CMYK | 0.52, 0.00, 0.64, 0.47 |
| HSL | 109°, 47%, 36% |
| HSV | 109°, 64%, 53% |
| XYZ | 11.1730, 18.3536, 5.7500 |
| YIQ | 103.2660, -14.1140, -41.5860 |

Conversions

Conversions Part 2

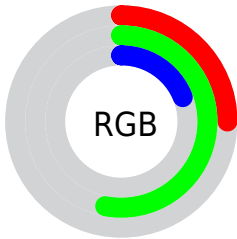
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 48, 134, 118 |
| Decimal | 4228656 |
| CIE _{Lab} | 49.92, -39.21, 38.62 |
| CIE _{LCh} | 50, 55.041, 135.435 |
| Yxy | 18.3536, 0.3167, 0.5203 |
| Android (android.graphics.Color) | 4282418736 (0xFF408630) |
| YUV | 103.2660, -27.2461, -34.4363 |
| Hunter-Lab | 42.8411, -28.4190, 22.0311 |

Details

The XYZ color **11.1730, 18.3536, 5.7500** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **12.8321, 7.6872, 23.3627**, and the grayscale version is **13.0358, 13.7146, 14.9352**.

A 20% lighter version of the original color is **27.6590, 40.6998, 17.9533**, and **3.0933, 6.1865, 1.0311** is the 20% darker color. If you saturate the color by 10%, you get **10.2961, 17.9294, 4.4774**, and if you desaturate by 10%, it is **12.2732, 18.8844, 7.4701**.

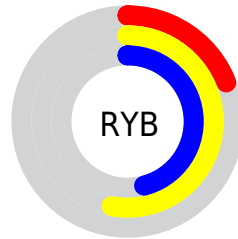
Distribution



Red (25%)

Green (53%)

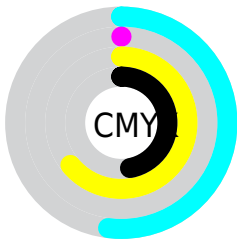
Blue (19%)



Red (19%)

Yellow (53%)

Blue (46%)

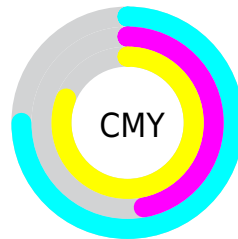


Cyan (52%)

Magenta (0%)

Yellow (64%)

Black (47%)



Cyan (75%)


Magenta (47%)


Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.1730, 18.3536, 5.7500 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 11.1730, 18.3536, 5.7500 by changing the saturation by 10% instead.


 11.1730, 18.3536,
5.7500


 11.1730, 18.3536,
5.7500


192.7345,
242.8566, 166.0466


 6.2515, 11.2042,
2.6273


 27.6098, 40.6389,
17.8784


 3.0407, 6.2043,
0.9065

 39.8557, 56.5436,
27.7212


 1.1753, 2.9697,
0.0000

 55.2738, 76.1355,
40.6411

 0.0867, 1.1159,
0.0000

 74.2295, 99.7989,
57.0567

 0.0000, 0.0000,
0.0000

 97.0880, 127.9184,
77.3865

 124.2148,

160.8782, 102.0491

155.9752,
199.0628, 131.4629

■ 11.1730, 18.3536,
5.7500

■ 11.1730, 18.3536,
5.7500

■ 10.2961, 17.9294,
4.4774

■ 12.2732, 18.8844,
7.4701

■ 9.6252, 17.6020,
3.6095

■ 13.6095, 19.5259,
9.6729

■ 9.1417, 17.3637,
3.0937

■ 15.1957, 20.2851,
12.3912

■ 8.9246, 17.2567,
2.8605

■ 17.0436, 21.1674,
15.6549

■ 19.1647, 22.1782,
19.4915

■ 21.5695, 23.3222,
23.9266

■ 24.2680, 24.6042,
28.9842

■ 27.2699, 26.0286,
34.6872

■ 30.5842, 27.5996,
41.0572

Harmonies

Analogous

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



14.8832, 18.3536, 3.0293



11.1730, 18.3536, 5.7500



9.3575, 18.3536, 13.5359

Triad

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



11.1730, 18.3536, 5.7500



15.0174, 18.3536, 63.3119



29.1545, 18.3536, 13.2101

Complementary

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



11.1730, 18.3536, 5.7500



12.8321, 7.6872, 23.3627

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.



29.2106, 18.3536, 28.2103



11.1730, 18.3536, 5.7500



20.2840, 18.3536, 63.0662

Square

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



11.1730, 18.3536, 5.7500



11.2541, 18.3536, 48.6258



25.7096, 18.3536, 48.0641



25.5689, 18.3536, 5.6152

Rectangle

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



11.1730, 18.3536, 5.7500



9.1737, 18.3536, 22.8619



25.7096, 18.3536, 48.0641



29.6076, 18.3536, 17.3583

Sweetspot

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



11.1734, 18.3544, 5.7504



31.7455, 38.1122, 30.6700



16.7038, 17.9586, 5.3825



6.9496, 8.4899, 6.5448



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



11.1734, 18.3544, 5.7504



17.5629, 31.3075, 7.1143



10.9739, 18.1711, 9.3727



4.6912, 5.2434, 4.9942



8.3706, 16.1751, 2.6809



0.0336, 0.0584, 0.0095

Inverse Universe

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



12.8321, 7.6872, 23.3627



20.6510, 10.8907, 40.7521



13.6066, 8.2697, 15.1230



4.7752, 4.7202, 5.8602



9.9595, 4.6684, 21.5129



0.0400, 0.0190, 0.0748

Previews

White Background



This preview shows how the XYZ color 11.1730, 18.3536, 5.7500 looks on a white 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

Black Background



This preview shows how the XYZ color 11.1730, 18.3536, 5.7500 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 11.1730, 18.3536, 5.7500

Background



This preview shows how black text looks on a background with the XYZ color 11.1730, 18.3536, 5.7500.



This preview shows how white text looks on a background with the XYZ color 11.1730, 18.3536,

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

11.1730, 18.3536, 5.7500

Protanopia

16.4488, 18.0442, 4.9988

Deuteranopia

18.3378, 17.9752, 6.1175



Tritanopia

15.1709, 18.1941, 26.0048

Trichromacy



Original Color

11.1730, 18.3536, 5.7500

Protanomaly

13.7447, 17.7306, 5.1805

Deuteranomaly

14.5388, 17.3939, 5.8399

Tritanomaly

13.1195, 17.9337, 15.8668

Monochromacy



Original Color

11.1730, 18.3536, 5.7500

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

11.6985, 14.7830, 10.4204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1730, 18.3536, 5.7500 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(64, 134, 48)` looks like.

```
.text, #text, p{  
    color:rgb(64, 134, 48)  
}
```

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(64, 134, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 134, 48) }
```

Border

The CSS property to change the border of an element to XYZ 11.1730, 18.3536, 5.7500 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(64, 134, 48) }
```


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

```
.border{ border-color:rgb(64, 134, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 134, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 134, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 134, 48);  
box-shadow:4px 4px 4px 4px rgb(64, 134,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1730, 18.3536, 5.7500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 134, 48) }
```

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

```
.background{ background-color: rgb(64, 134,  
48) }
```

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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