

Converting Colors

XYZ(11.1673, 15.7004, 3.6702)

Have a look what the booklet for
XYZ(11.1673, 15.7004, 3.6702)
contains.

| | |
|--|----|
| XYZ(11.1673, 15.7003, 3.6702) | 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(11.1673, 15.7003,
3.6702)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 5A781E |
| RGB | 90, 120, 30 |
| RGB Percent | 35%, 47%, 12% |
| CMY | 0.6471, 0.5294, 0.8823 |
| CMYK | 0.25, 0.00, 0.75, 0.53 |
| HSL | 80°, 60%, 29% |
| HSV | 80°, 75%, 47% |
| XYZ | 11.1673, 15.7003, 3.6702 |
| YIQ | 100.7700, 11.0100, -34.3500 |

Conversions

Conversions Part 2

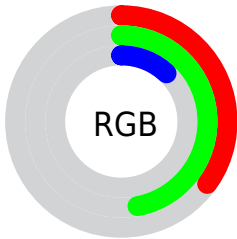
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 30, 120, 60 |
| Decimal | 5928990 |
| CIE Lab | 46.58, -24.85, 43.29 |
| CIE LCh | 47, 49.912, 119.853 |
| Yxy | 15.7003, 0.3657, 0.5141 |
| Android (android.graphics.Color) | 4284119070 (0xFF5A781E) |
| YUV | 100.7700, -34.8896, -9.4453 |
| Hunter-Lab | 39.6236, -19.0338, 22.2447 |

Details

The XYZ color **11.1673, 15.7003, 3.6702** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5.7185, 3.2457, 18.0952**, and the grayscale version is **12.3958, 13.0414, 14.2021**.

A 20% lighter version of the original color is **27.5654, 35.9388, 13.2686**, and **3.1283, 4.9576, 0.7920** is the 20% darker color. If you saturate the color by 10%, you get **10.6637, 15.4557, 2.9936**, and if you desaturate by 10%, it is **11.7510, 15.9805, 4.6561**.

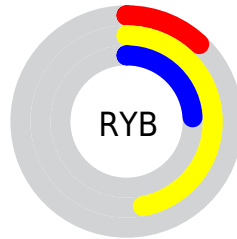
Distribution



Red (35%)

Green (47%)

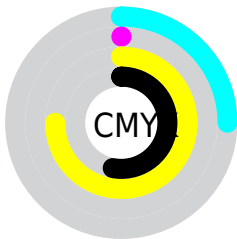
Blue (12%)



Red (12%)

Yellow (47%)

Blue (24%)

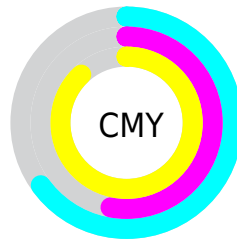


Cyan (25%)

Magenta (0%)

Yellow (75%)

Black (53%)



Cyan (65%)


Magenta (53%)


Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.1673, 15.7003, 3.6702 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 11.1673, 15.7003, 3.6702 by changing the saturation by 10% instead.


 11.1673, 15.7003,
3.6702


 11.1673, 15.7003,
3.6702


192.6964,
227.5667, 144.4859

 6.2476, 9.3123,
1.4462


 27.5993, 36.0771,
13.2417


 3.0383, 4.9455,
0.1774

 39.8424, 50.8348,
21.4263


 1.1741, 2.2153,
0.0000

 55.2573, 69.1511,
32.4349

 0.0857, 0.7283,
0.0000

 74.2093, 91.4105,
46.6859

 0.0000, 0.0000,
0.0000

 97.0639, 117.9973,
64.5980

 124.1864,

149.2961, 86.5897

155.9421,
185.6911, 113.0795

11.1673, 15.7003,
3.6702

11.1673, 15.7003,
3.6702

10.6637, 15.4557,
2.9936

11.7510, 15.9805,
4.6561

10.2293, 15.2405,
2.5750

12.4199, 16.2967,
5.9815

10.0249, 15.1390,
2.3937

13.1800, 16.6518,
7.6744

14.0362, 17.0480,
9.7594

14.9932, 17.4870,
12.2591

■ 16.0551, 17.9706,
15.1942

■ 17.2260, 18.5004,
18.5842

■ 18.5096, 19.0779,
22.4474

■ 19.9095, 19.7046,
26.8010

Harmonies

Analogous

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



14.9439, 15.7003, 2.6532



11.1673, 15.7003, 3.6702



8.8444, 15.7003, 7.7340

Triad

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



11.1673, 15.7003, 3.6702



11.1370, 15.7003, 46.9112



24.8338, 15.7003, 17.1558

Complementary

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



11.1673, 15.7003, 3.6702



5.7185, 3.2457, 18.0952

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.



23.2934, 15.7003, 31.9920



11.1673, 15.7003, 3.6702



14.9015, 15.7003, 53.4860

Square

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



11.1673, 15.7003, 3.6702



8.8294, 15.7003, 31.8325



19.4376, 15.7003, 47.0304



23.3219, 15.7003, 7.7962

Rectangle

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



11.1673, 15.7003, 3.6702



8.1635, 15.7003, 13.2468



19.4376, 15.7003, 47.0304



24.6523, 15.7003, 21.6243

Sweetspot

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



11.1677, 15.7010, 3.6705



26.8109, 30.9568, 22.7573



9.5965, 7.3191, 2.1355



6.2633, 7.2951, 5.1476



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



11.1677, 15.7010, 3.6705



18.1954, 26.9060, 4.7073



8.0335, 14.0853, 3.5239



4.1841, 4.5702, 4.2861



10.9208, 16.5071, 2.6106



51.1628, 78.2608, 12.4093

Inverse Universe

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



5.7185, 3.2457, 18.0952



8.1421, 3.7740, 31.5524



9.6807, 5.2883, 18.2806



3.9119, 3.9525, 4.9999



4.6392, 1.9644, 19.5199



21.3123, 8.9489, 93.0738

Previews

White Background



This preview shows how the XYZ color 11.1673, 15.7003, 3.6702 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 11.1673, 15.7003, 3.6702 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.1673, 15.7003, 3.6702

Background



This preview shows how black text looks on a background with the XYZ color 11.1673, 15.7003, 3.6702.



This preview shows how white text looks on a background with the XYZ color 11.1673, 15.7003,

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

11.1673, 15.7003, 3.6702

Protanopia

14.0977, 15.5208, 3.3514

Deuteranopia

15.8667, 15.6400, 3.9328



Tritanopia

14.5009, 15.6781, 20.3511

Trichromacy



Original Color

11.1673, 15.7003, 3.6702

Protanomaly

12.9212, 15.5681, 3.4863

Deuteranomaly

13.7498, 15.3323, 3.7481

Tritanomaly

12.7161, 15.4528, 11.5450

Monochromacy



Original Color

11.1673, 15.7003, 3.6702

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.5623, 13.7745, 8.7060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1673, 15.7003, 3.6702 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(90, 120, 30)` looks like.

```
.text, #text, p{  
    color:rgb(90, 120, 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(90, 120, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 120, 30) }
```

Border

The CSS property to change the border of an element to XYZ 11.1673, 15.7003, 3.6702 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(90, 120, 30) }
```


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

```
.border{ border-color:rgb(90, 120, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 120, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 120, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 120, 30);  
box-shadow:4px 4px 4px 4px rgb(90, 120,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1673, 15.7003, 3.6702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 120, 30) }
```

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

```
.background{ background-color: rgb(90, 120,  
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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