

Converting Colors

XYZ(11.5652, 11.4230, 10.3261)

Have a look what the booklet for
XYZ(11.5652, 11.4230, 10.3261)
contains.

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Color

**XYZ(11.5703, 11.4520,
10.4047)**

Conversions

Conversions Part 1

Format	Color
Hex	6B5C56
RGB	107, 92, 86
RGB Percent	42%, 36%, 34%
CMY	0.5804, 0.6392, 0.6627
CMYK	0.00, 0.14, 0.20, 0.58
HSL	17°, 11%, 38%
HSV	17°, 20%, 42%
XYZ	11.5703, 11.4520, 10.4047
YIQ	95.8010, 10.8660, 1.3140

Conversions

Conversions Part 2

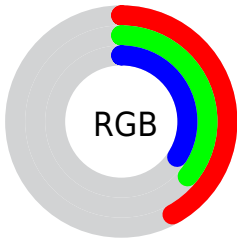
Format	Color
R_{YB}	107, 94, 86
Decimal	7035990
CIE Lab	40.33, 4.99, 5.69
CIE LCh	40, 7.568, 48.712
Yxy	11.4520, 0.3461, 0.3426
Android (android.graphics.Color)	4285226070 (0xFF6B5C56)
YUV	95.8010, -4.8319, 9.8215
Hunter-Lab	33.8408, 1.8084, 5.4592

Details

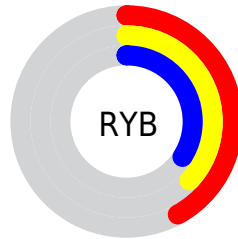
The XYZ color **11.5703, 11.4520, 10.4047** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.1452, 12.3471, 15.7059**, and the grayscale version is **11.0798, 11.6568, 12.6942**.

A 20% lighter version of the original color is **28.4150, 28.4945, 27.2949**, and **3.1809, 3.0439, 2.5177** is the 20% darker color. If you saturate the color by 10%, you get **10.5422, 10.0348, 8.0919**, and if you desaturate by 10%, it is **12.7304, 13.0296, 13.0802**.

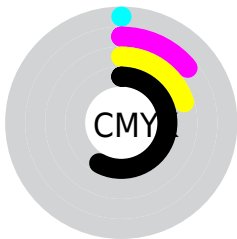
Distribution



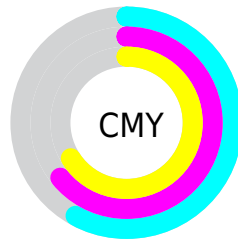
- Red (42%)
- Green (36%)
- Blue (34%)



- Red (42%)
- Yellow (37%)
- Blue (34%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (58%)



- Cyan (58%)
- Magenta (64%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5703, 11.4520, 10.4047 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 11.5703, 11.4520, 10.4047 by changing the saturation by 10% instead.

■ 11.5703, 11.4520,
10.4047

■ 11.5703, 11.4520,
10.4047

195.3680,
200.7428, 204.1252

■ 6.5219, 6.3717,
5.5590

■ 28.3337, 28.4930,
27.1736

■ 3.2086, 3.0724,
2.5144

■ 40.7795, 41.2225,
39.9339

■ 1.2650, 1.1696,
0.8478

■ 56.4218, 57.2706,
56.1694

■ 0.1568, 0.0367,
0.0000

■ 75.6259, 77.0216,
76.2988

■ 0.0000, 0.0000,
0.0000

■ 98.7572, 100.8599,
100.7405

126.1811,

129.1700, 129.9131

158.2629,
162.3361, 164.2352

■ 11.5703, 11.4520,
10.4047

■ 11.5703, 11.4520,
10.4047

■ 10.5422, 10.0348,
8.0919

■ 12.7304, 13.0296,
13.0802

■ 9.6404, 8.7714,
6.1255

■ 14.0261, 14.7710,
16.1325

■ 8.8599, 7.6570,
4.4888

■ 15.4620, 16.6813,
19.5758

■ 8.1953, 6.6859,
3.1634

■ 17.0424, 18.7650,
23.4233

■ 7.6406, 5.8521,
2.1293

■ 18.7712, 21.0262,
27.6876

■ 7.1893, 5.1489,
1.3639

■ 20.6522, 23.4693,
32.3806

■ 6.8340, 4.5693,
0.8414

■ 22.6890, 26.0980,
37.5141

■ 6.5522, 4.0998,
0.4575

■ 24.8853, 28.9164,
43.0990

■ 6.5426, 4.0842,
0.4435

■ 27.2444, 31.9282,
49.1462

Harmonies

Analogous

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



11.8776, 11.4520, 11.5573



11.5703, 11.4520, 10.4047



11.0852, 11.4520, 9.8236

Triad

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



11.5703, 11.4520, 10.4047



9.9168, 11.4520, 11.9074



11.2146, 11.4520, 15.4390

Complementary

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



11.5703, 11.4520, 10.4047



11.1452, 12.3471, 15.7059

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.



10.6868, 11.4520, 15.5519



11.5703, 11.4520, 10.4047



9.9489, 11.4520, 13.4280

Square

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



11.5703, 11.4520, 10.4047



10.1378, 11.4520, 10.6430



10.2269, 11.4520, 14.7904



11.6676, 11.4520, 14.4933

Rectangle

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



11.5703, 11.4520, 10.4047



10.7313, 11.4520, 9.8042



10.2269, 11.4520, 14.7904



11.0397, 11.4520, 15.5783

Sweetspot

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



11.5706, 11.4525, 10.4049



23.5693, 24.3753, 25.2333



11.7428, 10.7221, 13.7756



5.6801, 5.8666, 6.0496



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.5706, 11.4525, 10.4049



19.7594, 19.1895, 16.4596



12.5390, 13.3893, 10.7277



3.1637, 3.2447, 3.2770



7.9351, 4.9199, 0.5314



39.7746, 23.7529, 2.4884

Inverse Universe

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



11.1452, 12.3471, 15.7059



18.8329, 21.1345, 27.9945



10.1945, 10.4456, 15.3890



3.1123, 3.3530, 3.9180



6.3813, 7.5969, 18.0523



31.7481, 37.1747, 91.7283

Previews

White Background



This preview shows how the XYZ color 11.5703, 11.4520, 10.4047 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 11.5703, 11.4520, 10.4047 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

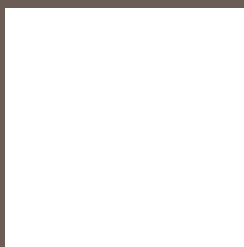
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.5703, 11.4520, 10.4047

Background



This preview shows how black text looks on a background with the XYZ color 11.5703, 11.4520, 10.4047.



This preview shows how white text looks on a background with the XYZ color 11.5703, 11.4520,

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

11.5703, 11.4520, 10.4047

Protanopia

10.9581, 11.5252, 10.6639

Deuteranopia

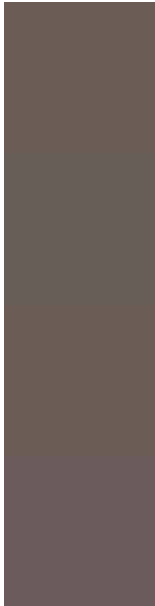
11.6912, 11.5143, 10.4104



Tritanopia

11.9982, 11.3635, 12.8703

Trichromacy



Original Color

11.5703, 11.4520, 10.4047

Protanomaly

11.2025, 11.5183, 10.6496

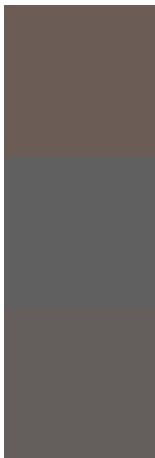
Deuteranomaly

11.6912, 11.5143, 10.4104

Tritanomaly

11.9012, 11.4606, 11.9408

Monochromacy



Original Color

11.5703, 11.4520, 10.4047

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.2795, 11.6664, 11.7826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5703, 11.4520, 10.4047 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(107, 92, 86)` looks like.

```
.text, #text, p{  
    color:rgb(107, 92, 86)  
}
```

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(107, 92, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 92, 86) }
```

Border

The CSS property to change the border of an element to XYZ 11.5703, 11.4520, 10.4047 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(107, 92, 86) }
```


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

```
.border{ border-color:rgb(107, 92, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 92, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 92, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 92, 86);  
box-shadow:4px 4px 4px 4px rgb(107, 92,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5703, 11.4520, 10.4047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 92, 86) }
```

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

```
.background{ background-color: rgb(107, 92,  
86) }
```

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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