

Converting Colors

XYZ(11.2583, 12.9081, 6.1732)

Have a look what the booklet for
XYZ(11.2583, 12.9081, 6.1732)
contains.

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Color

**XYZ(11.2594, 12.9103,
6.1735)**

Conversions

Conversions Part 1

Format	Color
Hex	67673C
RGB	103, 103, 60
RGB Percent	40%, 40%, 24%
CMY	0.5961, 0.5961, 0.7647
CMYK	0.00, 0.00, 0.42, 0.60
HSL	60°, 26%, 32%
HSV	60°, 42%, 40%
XYZ	11.2594, 12.9103, 6.1735
YIQ	98.0980, 13.8030, -13.3730

Conversions

Conversions Part 2

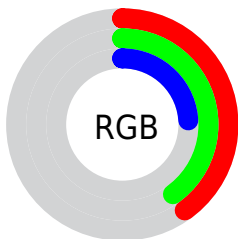
Format	Color
R_{YB}	60, 103, 60
Decimal	6776636
CIE _{Lab}	42.63, -7.14, 24.25
CIE _{LCh}	43, 25.279, 106.414
Yxy	12.9103, 0.3711, 0.4255
Android (android.graphics.Color)	4284966716 (0xFF67673C)
YUV	98.0980, -18.7823, 4.2991
Hunter-Lab	35.9309, -6.9439, 14.9647

Details

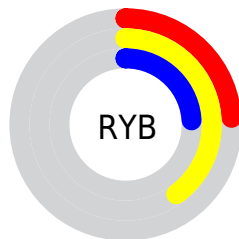
The XYZ color **11.2594, 12.9103, 6.1735** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5.9280, 5.1720, 13.5186**, and the grayscale version is **11.6770, 12.2851, 13.3785**.

A 20% lighter version of the original color is **27.7799, 31.1625, 18.7382**, and **3.0832, 3.6780, 1.0376** is the 20% darker color. If you saturate the color by 10%, you get **11.0133, 12.8123, 4.8765**, and if you desaturate by 10%, it is **11.5592, 13.0307, 7.7504**.

Distribution



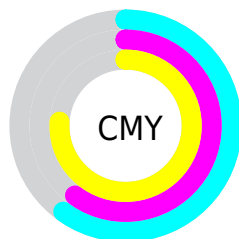
- Red (40%)
- Green (40%)
- Blue (24%)



- Red (24%)
- Yellow (40%)
- Blue (24%)



- Cyan (0%)
- Magenta (0%)
- Yellow (42%)
- Black (60%)



- Cyan (60%)
- Magenta (60%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2594, 12.9103, 6.1735 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 11.2594, 12.9103, 6.1735 by changing the saturation by 10% instead.

■ 11.2594, 12.9103,
6.1735

■ 11.2594, 12.9103,
6.1735

193.3104,
210.3420, 169.9693

■ 6.3102, 7.3668,
2.8804

■ 27.7676, 31.1425,
18.7738

■ 3.0770, 3.6925,
1.0339

■ 40.0572, 44.6001,
28.9181

■ 1.1946, 1.5031,
0.0000

■ 55.5244, 61.4644,
42.1831

■ 0.1021, 0.2909,
0.0000

■ 74.5344, 82.1200,
58.9875

■ 0.0000, 0.0000,
0.0000

■ 97.4527, 106.9511,
79.7498

■ 124.6445,

136.3422, 104.8885

156.4753,
170.6777, 134.8221

■ 11.2594, 12.9103,
6.1735

■ 11.2594, 12.9103,
6.1735

■ 11.0133, 12.8123,
4.8765

■ 11.5592, 13.0307,
7.7504

■ 10.8168, 12.7337,
3.8422

■ 11.9145, 13.1728,
9.6212

■ 10.6669, 12.6737,
3.0530

■ 12.3284, 13.3384,
11.8002

■ 10.5596, 12.6308,
2.4886

■ 12.8033, 13.5283,
14.3005

■ 10.4903, 12.6031,
2.1238

■ 13.3414, 13.7436,
17.1341

■ 10.4437, 12.5844,
1.8786

■ 13.9452, 13.9851,
20.3129

■ 14.6165, 14.2537,
23.8478

■ 15.3575, 14.5501,
27.7494

■ 16.1700, 14.8751,
32.0279

Harmonies

Analogous

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



13.1563, 12.9103, 6.0960



11.2594, 12.9103, 6.1735



9.7921, 12.9103, 7.9678

Triad

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



11.2594, 12.9103, 6.1735



9.9031, 12.9103, 23.1635



16.2096, 12.9103, 16.6828

Complementary

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



11.2594, 12.9103, 6.1735



5.9280, 5.1720, 13.5186

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.



15.1361, 12.9103, 22.6537



11.2594, 12.9103, 6.1735



11.4260, 12.9103, 27.0020

Square

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



11.2594, 12.9103, 6.1735



9.0666, 12.9103, 17.2529



13.3411, 12.9103, 26.7943



16.1530, 12.9103, 11.2826

Rectangle

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



11.2594, 12.9103, 6.1735



9.1960, 12.9103, 10.2456



13.3411, 12.9103, 26.7943



15.9645, 12.9103, 18.7132

Sweetspot

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



11.2597, 12.9109, 6.1738



21.9457, 23.8311, 20.4523



8.0254, 6.4419, 5.0956



5.3220, 5.8013, 4.8201



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.2597, 12.9109, 6.1738



19.7306, 22.9450, 8.7900



9.1027, 11.7989, 6.0728



3.0402, 3.2679, 3.0450



13.1388, 15.8320, 2.3634



68.5254, 82.5721, 12.3263

Inverse Universe

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



5.9280, 5.1720, 13.5186



8.7799, 7.0504, 23.8752



7.5008, 5.9828, 13.5922



2.6929, 2.7637, 3.5235



3.0802, 1.2321, 16.2198



16.0648, 6.4259, 84.5950

Previews

White Background



This preview shows how the XYZ color 11.2594, 12.9103, 6.1735 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 11.2594, 12.9103, 6.1735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

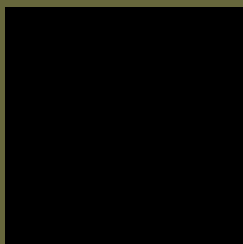
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.2594, 12.9103, 6.1735

Background



This preview shows how black text looks on a background with the XYZ color 11.2594, 12.9103, 6.1735.



This preview shows how white text looks on a background with the XYZ color 11.2594, 12.9103,

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

11.2594, 12.9103, 6.1735

Protanopia

11.8735, 12.9381, 6.0092

Deuteranopia

13.0784, 12.8511, 6.3486



Tritanopia

13.1018, 12.9434, 15.1724

Trichromacy



Original Color

11.2594, 12.9103, 6.1735

Protanomaly

11.6042, 12.9443, 6.0246

Deuteranomaly

12.3744, 12.9054, 6.2537

Tritanomaly

12.3042, 12.8998, 11.2926

Monochromacy



Original Color

11.2594, 12.9103, 6.1735

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.4129, 12.4638, 10.1917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2594, 12.9103, 6.1735 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(103, 103, 60)` looks like.

```
.text, #text, p{  
    color:rgb(103, 103, 60)  
}
```

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(103, 103, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 103, 60) }
```

Border

The CSS property to change the border of an element to XYZ 11.2594, 12.9103, 6.1735 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(103, 103, 60) }
```


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

```
.border{ border-color:rgb(103, 103, 60) }
```

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

Here you see how a box with a 4 pixel rgb(103, 103, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 103, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 103, 60);  
box-shadow:4px 4px 4px 4px rgb(103, 103,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2594, 12.9103, 6.1735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 103, 60) }
```

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

```
.background{ background-color: rgb(103,  
103, 60) }
```

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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