

Converting Colors

XYZ(13.9146, 11.8529, 5.6444)

Have a look what the booklet for
XYZ(13.9146, 11.8529, 5.6444)
contains.

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Color

**XYZ(14.0296, 11.9637,
5.7075)**

Conversions

Conversions Part 1

Format	Color
Hex	87553B
RGB	135, 85, 59
RGB Percent	53%, 33%, 23%
CMY	0.4706, 0.6667, 0.7686
CMYK	0.00, 0.37, 0.56, 0.47
HSL	21°, 39%, 38%
HSV	21°, 56%, 53%
XYZ	14.0296, 11.9637, 5.7075
YIQ	96.9860, 38.1460, 2.5140

Conversions

Conversions Part 2

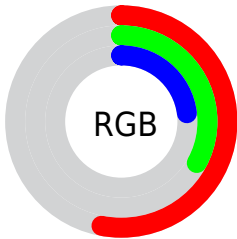
Format	Color
R _Y B	135, 99, 59
Decimal	8869179
CIE Lab	41.16, 17.87, 23.70
CIE LCh	41, 29.682, 52.979
Yxy	11.9637, 0.4426, 0.3774
Android (android.graphics.Color)	4287059259 (0xFF87553B)
YUV	96.9860, -18.7271, 33.3383
Hunter-Lab	34.5886, 11.8720, 14.4285

Details

The XYZ color **14.0296, 11.9637, 5.7075** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.6451, 13.6157, 24.9359**, and the grayscale version is **11.3972, 11.9907, 13.0579**.

A 20% lighter version of the original color is **32.8037, 29.4658, 17.8685**, and **4.2987, 3.2823, 0.8972** is the 20% darker color. If you saturate the color by 10%, you get **13.0679, 10.5301, 3.8773**, and if you desaturate by 10%, it is **15.1702, 13.6103, 8.0445**.

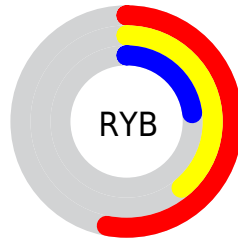
Distribution



Red (53%)

Green (33%)

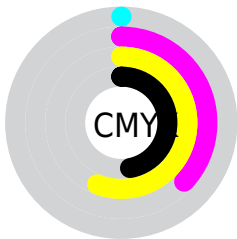
Blue (23%)



Red (53%)

Yellow (39%)

Blue (23%)

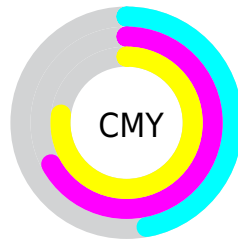


Cyan (0%)

Magenta (37%)

Yellow (56%)

Black (47%)



Cyan (47%)

Magenta (67%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0296, 11.9637, 5.7075 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 14.0296, 11.9637, 5.7075 by changing the saturation by 10% instead.

■ 14.0296, 11.9637,
5.7075

■ 14.0296, 11.9637,
5.7075

210.9218,
204.1648, 165.6459

■ 8.2231, 6.7190,
2.6022

■ 32.7274, 29.4290,
17.7878

■ 4.2910, 3.2870,
0.8936

■ 46.3493, 42.4183,
27.5998

■ 1.8681, 1.2833,
0.0000

■ 63.3072, 58.7580,
40.4844

■ 0.5582, 0.1282,
0.0000

■ 83.9662, 78.8323,
56.8602

■ 0.0000, 0.0000,
0.0000

■ 108.6919,
103.0258, 77.1457

■ 137.8495,

131.7228, 101.7595

171.8043,
165.3077, 131.1200

■ 14.0296, 11.9637,
5.7075

■ 14.0296, 11.9637,
5.7075

■ 13.0679, 10.5301,
3.8773

■ 15.1702, 13.6103,
8.0445

■ 12.2739, 9.2983,
2.5144

■ 16.4984, 15.4768,
10.9221

■ 11.6363, 8.2589,
1.5748

■ 18.0231, 17.5719,
14.3722

■ 11.1375, 7.3989,
0.9847

■ 19.7524, 19.9034,
18.4238

■ 10.9761, 7.1198,
0.7957

■ 21.6942, 22.4786,
23.1040

■ 23.8554, 25.3046,
28.4383

■ 26.2431, 28.3879,
34.4506

■ 28.8639, 31.7352,
41.1639

■ 31.7239, 35.3526,
48.5997

Harmonies

Analogous

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



15.5901, 11.9637, 8.9505



14.0296, 11.9637, 5.7075



11.8809, 11.9637, 4.4885

Triad

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



14.0296, 11.9637, 5.7075



7.7604, 11.9637, 11.6400



13.0523, 11.9637, 27.1456

Complementary

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



14.0296, 11.9637, 5.7075



11.6451, 13.6157, 24.9359

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.



10.8761, 11.9637, 28.5489



14.0296, 11.9637, 5.7075



7.9915, 11.9637, 18.1831

Square

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



14.0296, 11.9637, 5.7075



8.3952, 11.9637, 7.1469



9.0717, 11.9637, 24.8653



14.9783, 11.9637, 21.4765

Rectangle

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



14.0296, 11.9637, 5.7075



10.4728, 11.9637, 4.5937



9.0717, 11.9637, 24.8653



12.3194, 11.9637, 28.1919

Sweetspot

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



14.0299, 11.9643, 5.7077



35.0188, 35.1694, 32.1525



14.3520, 9.3975, 15.7144



7.9836, 7.9754, 7.1474



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.0299, 11.9643, 5.7077



22.9115, 18.1068, 6.0679



17.7816, 19.4677, 6.9583



4.7932, 4.9300, 4.9283



10.1329, 6.5884, 0.7376



0.0414, 0.0354, 0.0047

Inverse Universe

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



11.6451, 13.6157, 24.9359



18.1452, 21.3137, 44.2060



8.4728, 7.2710, 23.8784



4.6710, 5.0177, 5.9231



7.3249, 8.1975, 22.3329



0.0322, 0.0420, 0.0796

Previews

White Background



This preview shows how the XYZ color 14.0296, 11.9637, 5.7075 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

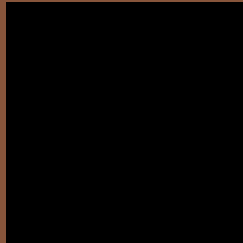
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0296, 11.9637, 5.7075

Background



This preview shows how black text looks on a background with the XYZ color 14.0296, 11.9637, 5.7075.



This preview shows how white text looks on a background with the XYZ color 14.0296, 11.9637,

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

14.0296, 11.9637, 5.7075

Protanopia

11.1440, 11.9837, 6.5762

Deuteranopia

12.1241, 11.9757, 5.5434



Tritanopia

14.9793, 11.8913, 10.5226

Trichromacy



Original Color

14.0296, 11.9637, 5.7075

Protanomaly

12.1200, 11.9584, 6.2268

Deuteranomaly

12.7321, 11.9029, 5.6294

Tritanomaly

14.5102, 11.8046, 8.5349

Monochromacy



Original Color

14.0296, 11.9637, 5.7075

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

12.0312, 11.8327, 9.8334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0296, 11.9637, 5.7075 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(135, 85, 59)` looks like.

```
.text, #text, p{  
    color:rgb(135, 85, 59)  
}
```

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(135, 85, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 85, 59) }
```

Border

The CSS property to change the border of an element to XYZ 14.0296, 11.9637, 5.7075 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(135, 85, 59) }
```


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

```
.border{ border-color:rgb(135, 85, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 85, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 85, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 85, 59);  
box-shadow:4px 4px 4px 4px rgb(135, 85,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0296, 11.9637, 5.7075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 85, 59) }
```

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

```
.background{ background-color: rgb(135, 85,  
59) }
```

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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