

Converting Colors

XYZ(17.4097, 11.6124, 6.2133)

Have a look what the booklet for
XYZ(17.4097, 11.6124, 6.2133)
contains.

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Color

**XYZ(17.4568, 11.6140,
6.1721)**

Conversions

Conversions Part 1

Format	Color
Hex	A14040
RGB	161, 64, 64
RGB Percent	63%, 25%, 25%
CMY	0.3686, 0.7490, 0.7490
CMYK	0.00, 0.60, 0.60, 0.37
HSL	0°, 43%, 44%
HSV	0°, 60%, 63%
XYZ	17.4568, 11.6140, 6.1721
YIQ	93.0030, 57.8120, 20.5640

Conversions

Conversions Part 2

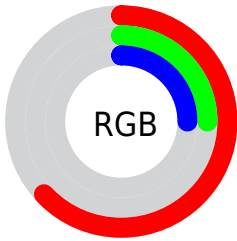
Format	Color
RYB	161, 64, 64
Decimal	10567744
CIELab	40.60, 40.27, 20.75
CIELCh	41, 45.298, 27.264
Yxy	11.6140, 0.4953, 0.3295
Android (android.graphics.Color)	4288757824 (0xFFA14040)
YUV	93.0030, -14.2985, 59.6334
Hunter-Lab	34.0793, 31.7961, 13.1175

Details

The XYZ color **17.4568, 11.6140, 6.1721** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **21.2914, 29.1512, 38.2228**, and the grayscale version is **10.4284, 10.9715, 11.9480**.

A 20% lighter version of the original color is **38.6852, 28.8763, 18.8640**, and **5.9297, 3.1529, 1.0551** is the 20% darker color. If you saturate the color by 10%, you get **16.2825, 9.8959, 3.8374**, and if you desaturate by 10%, it is **19.0260, 13.9104, 9.2911**.

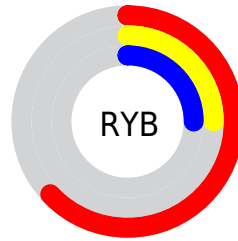
Distribution



Red (63%)

Green (25%)

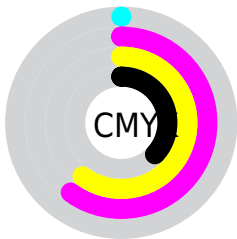
Blue (25%)



Red (63%)

Yellow (25%)

Blue (25%)

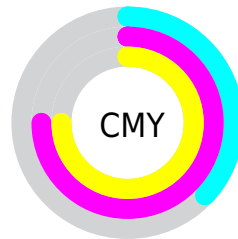


Cyan (0%)

Magenta (60%)

Yellow (60%)

Black (37%)



Cyan (37%)


Magenta (75%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.4568, 11.6140, 6.1721 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 17.4568, 11.6140, 6.1721 by changing the saturation by 10% instead.


 17.4568, 11.6140,
6.1721


 17.4568, 11.6140,
6.1721


230.8965,
201.8328, 169.9565


 10.6580, 6.4814,
2.8795


 38.6469, 28.7901,
18.7709


 5.9030, 3.1400,
1.0335

 53.7689, 41.6024,
28.9142


 2.8263, 1.2052,
0.0000

 72.3961, 57.7434,
42.1781

 1.0626, 0.0660,
0.0000

 94.8938, 77.5975,
58.9812

 0.0000, 0.0000,
0.0000

 121.6273,
101.5492, 79.7421

 152.9620,

129.9826, 104.8792

189.2633,
163.2824, 134.8112

■ 17.4568, 11.6140,
6.1721

■ 17.4568, 11.6140,
6.1721

■ 16.2825, 9.8959,
3.8374

■ 19.0260, 13.9104,
9.2911

■ 15.4673, 8.7029,
2.2169

■ 21.0200, 16.8283,
13.2551

■ 14.9703, 7.9756,
1.2290

■ 23.4670, 20.4089,
18.1195

■ 14.6980, 7.5773,
0.6879

■ 26.3924, 24.6896,
23.9351

■ 29.8197, 29.7047,
30.7484

■ 33.7709, 35.4865,
38.6034

■ 38.2668, 42.0652,
47.5411

■ 43.3268, 49.4694,
57.6004

■ 48.9697, 57.7264,
68.8183

Harmonies

Analogous

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



18.3908, 11.6140, 13.5050



17.4568, 11.6140, 6.1721



14.7092, 11.6140, 2.8634

Triad

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



17.4568, 11.6140, 6.1721



6.6320, 11.6140, 5.3128



10.7478, 11.6140, 39.6545

Complementary

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



17.4568, 11.6140, 6.1721



21.2914, 29.1512, 38.2228

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.



8.0361, 11.6140, 33.9975



17.4568, 11.6140, 6.1721



5.9653, 11.6140, 11.8236

Square

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



17.4568, 11.6140, 6.1721



8.4546, 11.6140, 2.5623



6.4252, 11.6140, 22.5505



14.1021, 11.6140, 35.6488

Rectangle

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



17.4568, 11.6140, 6.1721



12.4507, 11.6140, 2.0719



6.4252, 11.6140, 22.5505



9.7378, 11.6140, 38.7758

Sweetspot

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



17.4571, 11.6146, 6.1723



48.3683, 45.8292, 45.0560



22.9644, 13.8171, 35.1749



10.2623, 9.5454, 9.1945



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



17.4571, 11.6146, 6.1723



28.6418, 16.9635, 5.8412



21.4729, 19.6463, 7.5109



7.0738, 7.0860, 7.3750



11.7389, 6.0518, 0.5494



0.2467, 0.1272, 0.0115

Inverse Universe

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



21.2914, 29.1512, 38.2228



36.1211, 51.1706, 68.3597



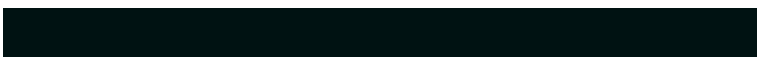
14.3969, 15.3622, 35.9247



7.2761, 8.0112, 9.0659



15.3157, 22.4108, 30.4483



0.3218, 0.4709, 0.6398

Previews

White Background



This preview shows how the XYZ color 17.4568, 11.6140, 6.1721 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 17.4568, 11.6140, 6.1721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

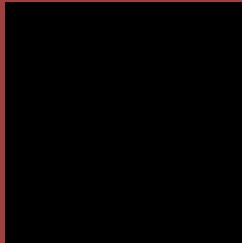
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.4568, 11.6140, 6.1721

Background



This preview shows how black text looks on a background with the XYZ color 17.4568, 11.6140, 6.1721.



This preview shows how white text looks on a background with the XYZ color 17.4568, 11.6140,

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

17.4568, 11.6140, 6.1721

Protanopia

11.0375, 11.7406, 8.8921

Deuteranopia

11.9527, 11.7520, 5.7761



Tritanopia

17.4886, 11.5373, 6.6154

Trichromacy



Original Color

17.4568, 11.6140, 6.1721

Protanomaly

12.5413, 11.0326, 7.7718

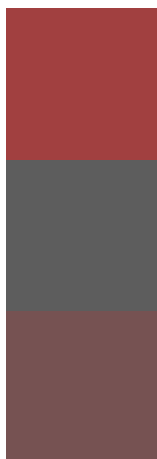
Deuteranomaly

13.5325, 11.3581, 5.8940

Tritanomaly

17.4588, 11.5254, 6.4587

Monochromacy



Original Color

17.4568, 11.6140, 6.1721

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

12.0115, 10.4953, 9.3754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4568, 11.6140, 6.1721 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(161, 64, 64)` looks like.

```
.text, #text, p{  
    color:rgb(161, 64, 64)  
}
```

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(161, 64, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 64, 64) }
```

Border

The CSS property to change the border of an element to XYZ 17.4568, 11.6140, 6.1721 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(161, 64, 64) }
```


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

```
.border{ border-color:rgb(161, 64, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 64, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 64, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 64, 64);  
box-shadow:4px 4px 4px 4px rgb(161, 64,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4568, 11.6140, 6.1721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 64, 64) }
```

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

```
.background{ background-color: rgb(161, 64,  
64) }
```

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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