

Converting Colors

XYZ(17.8521, 11.5596, 6.3237)

Have a look what the booklet for
XYZ(17.8521, 11.5596, 6.3237)
contains.

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Color

**XYZ(17.9327, 11.6117,
6.2971)**

Conversions

Conversions Part 1

Format	Color
Hex	A43D41
RGB	164, 61, 65
RGB Percent	64%, 24%, 25%
CMY	0.3569, 0.7608, 0.7451
CMYK	0.00, 0.63, 0.60, 0.36
HSL	358°, 46%, 44%
HSV	358°, 63%, 64%
XYZ	17.9327, 11.6117, 6.2971
YIQ	92.2530, 60.1040, 23.0800

Conversions

Conversions Part 2

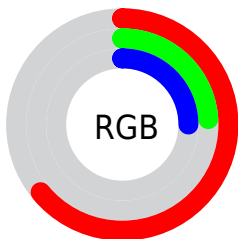
Format	Color
RYB	164, 61, 65
Decimal	10763585
CIELab	40.59, 42.84, 20.23
CIElCh	41, 47.378, 25.276
Yxy	11.6117, 0.5003, 0.3240
Android (android.graphics.Color)	4288953665 (0xFFA43D41)
YUV	92.2530, -13.4357, 62.9221
Hunter-Lab	34.0759, 34.3039, 12.8966

Details

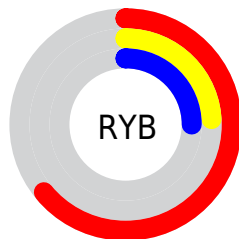
The XYZ color **17.9327, 11.6117, 6.2971** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **21.5460, 30.0813, 37.9313**, and the grayscale version is **10.2519, 10.7858, 11.7458**.

A 20% lighter version of the original color is **39.3172, 28.6905, 19.0884**, and **6.0985, 3.1260, 1.0926** is the 20% darker color. If you saturate the color by 10%, you get **16.7926, 9.9631, 3.9699**, and if you desaturate by 10%, it is **19.4685, 13.8479, 9.3851**.

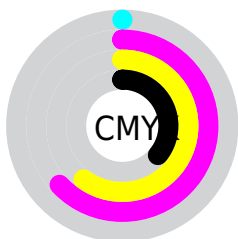
Distribution



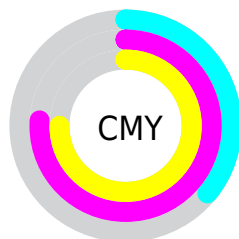
- Red (64%)
- Green (24%)
- Blue (25%)



- Red (64%)
- Yellow (24%)
- Blue (25%)



- Cyan (0%)
- Magenta (63%)
- Yellow (60%)
- Black (36%)





- Cyan (36%)
- Magenta (76%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.9327, 11.6117, 6.2971 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 17.9327, 11.6117, 6.2971 by changing the saturation by 10% instead.


 17.9327, 11.6117,
6.2971


 17.9327, 11.6117,
6.2971


233.5444,
201.8174, 171.0913


 11.0011, 6.4799,
2.9549


 39.4536, 28.7859,
19.0327


 6.1349, 3.1390,
1.0716


 54.7736, 41.5970,
29.2632

 2.9687, 1.2047,
0.0000

 73.6204, 57.7367,
42.6268

 1.1372, 0.0656,
0.0000

 96.3594, 77.5894,
59.5421

 0.0559, 0.0000,
0.0000

 123.3559,
101.5394, 80.4277

 0.0000, 0.0000,
0.0000

 154.9754,

129.9711, 105.7021

191.5831,
163.2690, 135.7837

■ 17.9327, 11.6117,
6.2971

■ 17.9327, 11.6117,
6.2971

■ 16.7926, 9.9631,
3.9699

■ 19.4685, 13.8479,
9.3851

■ 16.0111, 8.8453,
2.3372

■ 21.4310, 16.7179,
13.2916

■ 15.5457, 8.1935,
1.3220

■ 23.8489, 20.2654,
18.0694

■ 15.3446, 7.9064,
0.8999

■ 26.7484, 24.5298,
23.7665

■ 30.1535, 29.5475,
30.4277

■ 34.0868, 35.3524,
38.0947

■ 38.5693, 41.9762,
46.8067

■ 43.6212, 49.4491,
56.6010

■ 49.2612, 57.7995,
67.5128

Harmonies

Analogous

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



18.7660, 11.6117, 14.2213



17.9327, 11.6117, 6.2971



15.1199, 11.6117, 2.7434

Triad

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



17.9327, 11.6117, 6.2971



6.5500, 11.6117, 4.7865



10.5154, 11.6117, 41.3124

Complementary

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



17.9327, 11.6117, 6.2971



21.5460, 30.0813, 37.9313

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.



7.7638, 11.6117, 34.6250



17.9327, 11.6117, 6.2971



5.7882, 11.6117, 11.1863

Square

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



17.9327, 11.6117, 6.2971



8.5122, 11.6117, 2.2314



6.1830, 11.6117, 22.2499



14.0164, 11.6117, 37.6795

Rectangle

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



17.9327, 11.6117, 6.2971



12.7530, 11.6117, 1.8864



6.1830, 11.6117, 22.2499



9.4815, 11.6117, 40.1299

Sweetspot

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



17.9330, 11.6123, 6.2973



50.5757, 47.5046, 47.1023



22.6382, 13.3741, 36.5100



10.7057, 9.8683, 9.6098



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



17.9330, 11.6123, 6.2973



29.8981, 17.2468, 5.9975



21.4469, 18.8187, 6.9179



7.0844, 7.0902, 7.4308



11.7697, 6.0639, 0.7120



0.2505, 0.1287, 0.0315

Inverse Universe

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



17.9330, 11.6123, 6.2973



29.8981, 17.2468, 5.9975



15.0633, 16.5479, 37.5218



7.0844, 7.0902, 7.4308



11.7697, 6.0639, 0.7120



0.2505, 0.1287, 0.0315

Previews

White Background



This preview shows how the XYZ color 17.9327, 11.6117, 6.2971 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 17.9327, 11.6117, 6.2971 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 17.9327, 11.6117, 6.2971

Background



This preview shows how black text looks on a background with the XYZ color 17.9327, 11.6117, 6.2971.



This preview shows how white text looks on a background with the XYZ color 17.9327, 11.6117,

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

17.9327, 11.6117, 6.2971

Protanopia

11.1103, 11.7697, 9.2756

Deuteranopia

11.9789, 11.7624, 5.9140



Tritanopia

17.9327, 11.6117, 6.2971

Trichromacy



Original Color

17.9327, 11.6117, 6.2971

Protanomaly

12.8207, 11.0545, 8.1146

Deuteranomaly

13.6434, 11.3010, 6.0196

Tritanomaly

17.9327, 11.6117, 6.2971

Monochromacy



Original Color

17.9327, 11.6117, 6.2971

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

11.9366, 10.3456, 9.3504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9327, 11.6117, 6.2971 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(164, 61, 65)` looks like.

```
.text, #text, p{  
    color:rgb(164, 61, 65)  
}
```

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(164, 61, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 61, 65) }
```

Border

The CSS property to change the border of an element to XYZ 17.9327, 11.6117, 6.2971 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(164, 61, 65) }
```


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

```
.border{ border-color:rgb(164, 61, 65) }
```

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

Here you see how a box with a 4 pixel rgb(164, 61, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 61, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 61, 65);  
box-shadow:4px 4px 4px 4px rgb(164, 61,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9327, 11.6117, 6.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 61, 65) }
```

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

```
.background{ background-color: rgb(164, 61,  
65) }
```

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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