

Converting Colors

XYZ(17.7736, 10.9130, 2.7972)

Have a look what the booklet for
XYZ(17.7736, 10.9130, 2.7972)
contains.

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Color

**XYZ(17.8494, 10.9240,
2.7579)**

Conversions

Conversions Part 1

Format	Color
Hex	A93323
RGB	169, 51, 35
RGB Percent	66%, 20%, 14%
CMY	0.3373, 0.8000, 0.8627
CMYK	0.00, 0.70, 0.79, 0.34
HSL	7°, 66%, 40%
HSV	7°, 79%, 66%
XYZ	17.8494, 10.9240, 2.7579
YIQ	84.4580, 75.4640, 20.0400

Conversions

Conversions Part 2

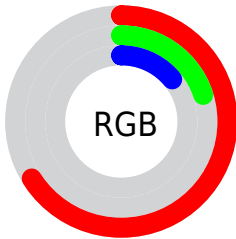
Format	Color
R _Y B	169, 53, 35
Decimal	11088675
CIE Lab	39.45, 47.31, 36.87
CIE LCh	39, 59.982, 37.931
Yxy	10.9240, 0.5661, 0.3464
Android (android.graphics.Color)	4289278755 (0xFFA93323)
YUV	84.4580, -24.3828, 74.1433
Hunter-Lab	33.0515, 38.5586, 18.1887

Details

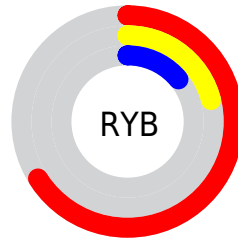
The XYZ color **17.8494, 10.9240, 2.7579** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **19.2446, 26.0020, 41.5405**, and the grayscale version is **8.5603, 9.0061, 9.8076**.

A 20% lighter version of the original color is **39.4918, 27.6862, 11.0471**, and **6.3067, 3.2512, 0.2951** is the 20% darker color. If you saturate the color by 10%, you get **17.1068, 9.7484, 1.5566**, and if you desaturate by 10%, it is **18.9214, 12.5655, 4.6652**.

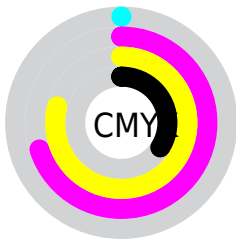
Distribution



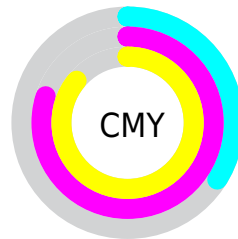
- Red (66%)
- Green (20%)
- Blue (14%)



- Red (66%)
- Yellow (21%)
- Blue (14%)



- Cyan (0%)
- Magenta (70%)
- Yellow (79%)
- Black (34%)





- Cyan (34%)
- Magenta (80%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.8494, 10.9240, 2.7579 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 17.8494, 10.9240, 2.7579 by changing the saturation by 10% instead.


 17.8494, 10.9240,
2.7579


 17.8494, 10.9240,
2.7579


233.0829,
197.1454, 133.2148


 10.9410, 6.0158,
0.9724


 39.3126, 27.5195,
11.0250


 6.0941, 2.8547,
0.0000


 54.5981, 39.9756,
18.3436


 2.9436, 1.0563,
0.0000

 73.4067, 55.7165,
28.3437

 1.1240, 0.0000,
0.0000

 96.1037, 75.1264,
41.4437

 0.0451, 0.0000,
0.0000

 123.0544, 98.5899,
58.0624

 0.0000, 0.0000,
0.0000

 154.6243,

126.4913, 78.6180

191.1787,
159.2150, 103.5293

17.8494, 10.9240,
2.7579

17.8494, 10.9240,
2.7579

17.1068, 9.7484,
1.5566

18.9214, 12.5655,
4.6652

16.6414, 8.9830,
0.8913

20.3555, 14.7129,
7.3649

16.6156, 8.9419,
0.8502

22.1809, 17.4043,
10.9313

24.4238, 20.6733,
15.4302

27.1081, 24.5511,
20.9209

■ 30.2558, 29.0664,
27.4579

■ 33.8874, 34.2461,
35.0915

■ 38.0222, 40.1157,
43.8689

■ 42.6786, 46.6993,
53.8346

Harmonies

Analogous

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



20.2087, 10.9240, 9.0652



17.8494, 10.9240, 2.7579



13.6055, 10.9240, 0.8693

Triad

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



17.8494, 10.9240, 2.7579



4.6930, 10.9240, 5.3100



11.4993, 10.9240, 50.6983

Complementary

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



17.8494, 10.9240, 2.7579



19.2446, 26.0020, 41.5405

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.



7.7142, 10.9240, 47.0409



17.8494, 10.9240, 2.7579



4.4057, 10.9240, 15.2584

Square

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



17.8494, 10.9240, 2.7579



6.2810, 10.9240, 1.5332



5.3573, 10.9240, 31.6452



15.9674, 10.9240, 39.7312

Rectangle

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



17.8494, 10.9240, 2.7579



10.6677, 10.9240, 0.5648



5.3573, 10.9240, 31.6452



10.1033, 10.9240, 51.2247

Sweetspot

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



17.8496, 10.9246, 2.7581



51.1831, 47.7543, 42.9184



22.7432, 11.9491, 31.4036



10.7477, 9.8224, 8.5093



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



17.8496, 10.9246, 2.7581



29.9904, 16.3835, 1.8972



23.1008, 21.4270, 4.5085



7.6006, 7.6813, 7.8713



12.4056, 6.7085, 0.6410



0.3231, 0.2059, 0.0227

Inverse Universe

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



19.2446, 26.0020, 41.5405



32.3472, 43.9691, 74.0071



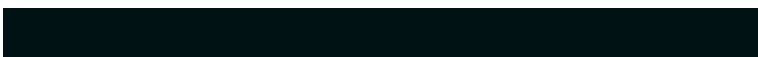
11.2117, 9.9362, 38.8629



7.6699, 8.3768, 9.6310



13.3510, 18.1622, 30.7775



0.3456, 0.4834, 0.7557

Previews

White Background



This preview shows how the XYZ color 17.8494, 10.9240, 2.7579 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 17.8494, 10.9240, 2.7579

Background



This preview shows how black text looks on a background with the XYZ color 17.8494, 10.9240, 2.7579.



This preview shows how white text looks on a background with the XYZ color 17.8494, 10.9240,

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

17.8494, 10.9240, 2.7579

Protanopia

10.2247, 11.1537, 4.3033

Deuteranopia

11.2191, 11.0665, 2.4644



Tritanopia

18.0580, 10.8707, 4.2784

Trichromacy



Original Color

17.8494, 10.9240, 2.7579

Protanomaly

12.0625, 10.2124, 3.6209

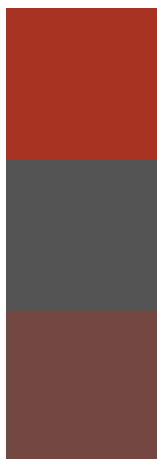
Deuteranomaly

13.0544, 10.4392, 2.4893

Tritanomaly

17.9764, 10.9057, 3.6402

Monochromacy



Original Color

17.8494, 10.9240, 2.7579

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

10.3710, 8.6729, 6.2817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8494, 10.9240, 2.7579 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(169, 51, 35)` looks like.

```
.text, #text, p{  
    color:rgb(169, 51, 35)  
}
```

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(169, 51, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 51, 35) }
```

Border

The CSS property to change the border of an element to XYZ 17.8494, 10.9240, 2.7579 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(169, 51, 35) }
```


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

```
.border{ border-color:rgb(169, 51, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 51, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 51, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 51, 35);  
box-shadow:4px 4px 4px 4px rgb(169, 51,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8494, 10.9240, 2.7579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 51, 35) }
```

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

```
.background{ background-color: rgb(169, 51,  
35) }
```

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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