

Converting Colors

XYZ(30.6089, 17.5954, 3.5007)

Have a look what the booklet for
XYZ(30.6089, 17.5954, 3.5007)
contains.

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Color

**XYZ(30.4754, 17.4950,
3.5209)**

Conversions

Conversions Part 1

Format	Color
Hex	DA3425
RGB	218, 52, 37
RGB Percent	85%, 20%, 15%
CMY	0.1451, 0.7960, 0.8549
CMYK	0.00, 0.76, 0.83, 0.15
HSL	5°, 71%, 50%
HSV	5°, 83%, 85%
XYZ	30.4754, 17.4950, 3.5209
YIQ	99.9240, 103.7510, 30.5270

Conversions

Conversions Part 2

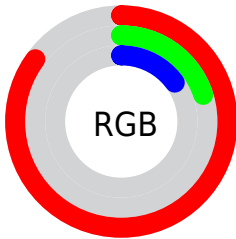
Format	Color
R _{YB}	218, 53, 37
Decimal	14300197
CIE Lab	48.88, 62.58, 48.14
CIE LCh	49, 78.951, 37.572
Yxy	17.4950, 0.5919, 0.3398
Android (android.graphics.Color)	4292490277 (0xFFDA3425)
YUV	99.9240, -31.0215, 103.5527
Hunter-Lab	41.8270, 56.8588, 24.2880

Details

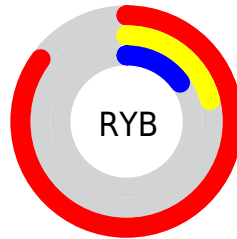
The XYZ color **30.4754, 17.4950, 3.5209** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **34.7707, 48.1610, 73.7926**, and the grayscale version is **12.1532, 12.7861, 13.9241**.

A 20% lighter version of the original color is **48.6344, 33.4884, 12.2881**, and **13.3264, 6.8700, 0.6237** is the 20% darker color. If you saturate the color by 10%, you get **29.5180, 15.9746, 1.9871**, and if you desaturate by 10%, it is **32.0152, 19.8544, 6.2555**.

Distribution



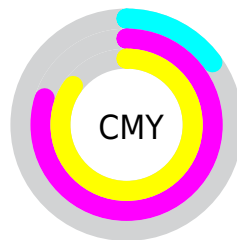
- Red (85%)
- Green (20%)
- Blue (15%)



- Red (85%)
- Yellow (21%)
- Blue (15%)



- Cyan (0%)
- Magenta (76%)
- Yellow (83%)
- Black (15%)





- Cyan (15%)
- Magenta (80%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4754, 17.4950, 3.5209 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 30.4754, 17.4950, 3.5209 by changing the saturation by 10% instead.


 30.4754, 17.4950,
3.5209

 30.4754, 17.4950,
3.5209


295.9844,
238.0090, 142.7413


 20.3496, 10.5880,
1.3664


 59.7947, 39.1749,
12.8888


 12.7591, 5.7906,
0.1153


 79.7188, 54.7167,
20.9393


 7.3388, 2.7181,
0.0000


 103.6398, 73.9055,
31.7921

 3.7230, 0.9864,
0.0000

 131.9229, 97.1257,
45.8659

 1.5467, 0.0000,
0.0000

 164.9336,
124.7618, 63.5792

 0.3573, 0.0000,
0.0000

 203.0372,

 0.0000, 0.0000,

157.1981, 85.3505

0.0000

246.5990,
194.8190, 111.5983

30.4754, 17.4950,
3.5209

30.4754, 17.4950,
3.5209

29.5180, 15.9746,
1.9871

32.0152, 19.8544,
6.2555


29.1309, 15.3406,
1.4257


34.2104, 23.1472,
10.3711


37.1244, 27.4584,
16.0181


40.8127, 32.8629,
23.3275

45.3253, 39.4281,
32.4158

 50.7082, 47.2164,
43.3894

 57.0038, 56.2855,
56.3463

 64.2518, 66.6894,
71.3774

 72.4894, 78.4791,
88.5682

Harmonies

Analogous

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



34.8612, 17.4950, 14.2133



30.4754, 17.4950, 3.5209



22.6014, 17.4950, 0.7896

Triad

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



30.4754, 17.4950, 3.5209



6.7118, 17.4950, 7.4322



18.5541, 17.4950, 93.5314

Complementary

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



30.4754, 17.4950, 3.5209



34.7707, 48.1610, 73.7926

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.



11.8131, 17.4950, 85.9480



30.4754, 17.4950, 3.5209



6.2101, 17.4950, 24.8734

Square

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



30.4754, 17.4950, 3.5209



9.4343, 17.4950, 1.6291



7.7773, 17.4950, 55.7466



26.7793, 17.4950, 72.2375

Rectangle

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



30.4754, 17.4950, 3.5209



17.2324, 17.4950, 0.3770



7.7773, 17.4950, 55.7466



16.0388, 17.4950, 94.4456

Sweetspot

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



30.4758, 17.4961, 3.5212



70.5329, 64.7554, 58.2161



40.7073, 20.6815, 60.1962



14.5046, 13.0037, 11.2518



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



30.4758, 17.4961, 3.5212



41.5109, 21.8019, 2.0203



38.5621, 33.6687, 6.2166



13.1424, 13.2242, 13.5854



17.4844, 9.2544, 0.8647



1.1635, 0.6612, 0.0663

Inverse Universe

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



34.7707, 48.1610, 73.7926



47.4301, 65.9802, 104.8434



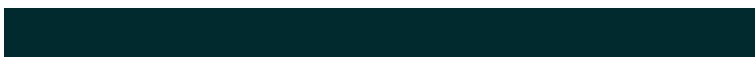
19.5981, 17.8158, 68.7351



13.3477, 14.6351, 16.7735



19.9828, 27.8351, 44.0579



1.3224, 1.8590, 2.8636

Previews

White Background



This preview shows how the XYZ color 30.4754, 17.4950, 3.5209 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 30.4754, 17.4950, 3.5209 looks on a black 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

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

XYZ 30.4754, 17.4950, 3.5209

Background



This preview shows how black text looks on a background with the XYZ color 30.4754, 17.4950, 3.5209.



This preview shows how white text looks on a background with the XYZ color 30.4754, 17.4950,

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

30.4754, 17.4950, 3.5209

Protanopia

16.2331, 17.7347, 6.0576

Deuteranopia

17.9984, 17.7052, 2.9992



Tritanopia

30.6516, 17.4256, 4.8799

Trichromacy



Original Color

30.4754, 17.4950, 3.5209

Protanomaly

19.3481, 15.7235, 4.8115

Deuteranomaly

21.0546, 16.2625, 2.8934

Tritanomaly

30.5904, 17.4703, 4.3446

Monochromacy



Original Color

30.4754, 17.4950, 3.5209

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

15.7605, 12.5620, 8.6152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4754, 17.4950, 3.5209 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(218, 52, 37)` looks like.

```
.text, #text, p{  
    color:rgb(218, 52, 37)  
}
```

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(218, 52, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 52, 37) }
```

Border

The CSS property to change the border of an element to XYZ 30.4754, 17.4950, 3.5209 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(218, 52, 37) }
```


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

```
.border{ border-color:rgb(218, 52, 37) }
```

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

Here you see how a box with a 4 pixel rgb(218, 52, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 52, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 52, 37);  
box-shadow:4px 4px 4px 4px rgb(218, 52,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4754, 17.4950, 3.5209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 52, 37) }
```

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

```
.background{ background-color: rgb(218, 52,  
37) }
```

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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