

Converting Colors

XYZ(35.3225, 19.5921, 2.7559)

Have a look what the booklet for
XYZ(35.3225, 19.5921, 2.7559)
contains.

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Color

**XYZ(35.3540, 19.6008,
2.7306)**

Conversions

Conversions Part 1

Format	Color
Hex	EB2D17
RGB	235, 45, 23
RGB Percent	92%, 18%, 9%
CMY	0.0784, 0.8235, 0.9098
CMYK	0.00, 0.81, 0.90, 0.08
HSL	6°, 84%, 51%
HSV	6°, 90%, 92%
XYZ	35.3540, 19.6008, 2.7306
YIQ	99.3020, 120.3020, 33.4380

Conversions

Conversions Part 2

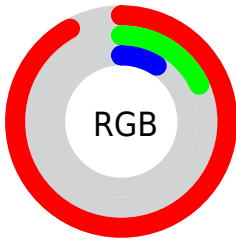
Format	Color
RYB	235, 48, 23
Decimal	15412503
CIELab	51.38, 69.14, 57.64
CIElCh	51, 90.015, 39.814
Yxy	19.6008, 0.6129, 0.3398
Android (android.graphics.Color)	4293602583 (0xFFEB2D17)
YUV	99.3020, -37.6169, 119.0071
Hunter-Lab	44.2728, 65.0636, 27.3341

Details

The XYZ color **35.3540, 19.6008, 2.7306** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **39.1387, 53.7603, 86.9106**, and the grayscale version is **12.0088, 12.6342, 13.7586**.

A 20% lighter version of the original color is **47.9112, 32.6783, 10.0857**, and **16.3622, 8.4350, 0.7657** is the 20% darker color. If you saturate the color by 10%, you get **34.5957, 18.3321, 1.7151**, and if you desaturate by 10%, it is **36.7165, 21.7687, 4.9035**.

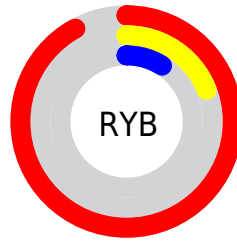
Distribution



Red (92%)

Green (18%)

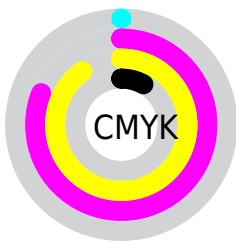
Blue (9%)



Red (92%)

Yellow (19%)

Blue (9%)

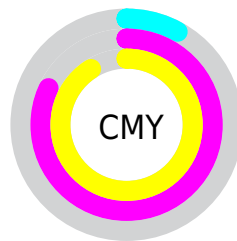


Cyan (0%)

Magenta (81%)

Yellow (90%)

Black (8%)



Cyan (8%)


Magenta (82%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3540, 19.6008, 2.7306 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 35.3540, 19.6008, 2.7306 by changing the saturation by 10% instead.


 35.3540, 19.6008,
2.7306


 35.3540, 19.6008,
2.7306


317.6088,
249.7457, 132.8518


 24.1035, 12.1052,
0.9588


 67.3642, 42.7469,
10.9561


 15.5356, 6.8154,
0.0000


 88.8546, 59.1661,
18.2469


 9.2849, 3.3469,
0.0000


 114.4891, 79.3287,
28.2144

 4.9860, 1.3154,
0.0000

 144.6329,
103.6191, 41.2772

 2.2737, 0.1531,
0.0000

 179.6514,
132.4216, 57.8538


 0.7812, 0.0000,
0.0000


 219.9100,


 0.0000, 0.0000,


166.1206, 78.3627


0.0000


 265.7740,
205.1005, 103.2225


 35.3540, 19.6008,
2.7306


 35.3540, 19.6008,
2.7306


 34.5957, 18.3321,
1.7151

 36.7165, 21.7687,
4.9035

 38.7855, 24.9428,
8.5648

 41.6420, 29.2278,
13.9195

 45.3556, 34.7143,
21.1400

 49.9880, 41.4836,
30.3776

■ 55.5953, 49.6098,
41.7679

■ 62.2291, 59.1614,
55.4349

■ 69.9372, 70.2022,
71.4929

■ 78.7644, 82.7922,
90.0488

Harmonies

Analogous

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



41.4411, 19.6008, 13.9541



35.3540, 19.6008, 2.7306



25.2692, 19.6008, 0.2870

Triad

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



35.3540, 19.6008, 2.7306



6.6429, 19.6008, 8.3926



21.7410, 19.6008, 117.0409

Complementary

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



35.3540, 19.6008, 2.7306



39.1387, 53.7603, 86.9106

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.



13.2692, 19.6008, 109.9696



35.3540, 19.6008, 2.7306



6.2437, 19.6008, 30.9631

Square

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



35.3540, 19.6008, 2.7306



9.5944, 19.6008, 1.4161



8.2409, 19.6008, 71.4692



32.0673, 19.6008, 86.6245

Rectangle

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



35.3540, 19.6008, 2.7306



18.6864, 19.6008, 0.0000



8.2409, 19.6008, 71.4692



18.5737, 19.6008, 119.3120

Sweetspot

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



35.3544, 19.6020, 2.7309



69.2553, 63.0843, 55.0644



46.6791, 23.1197, 65.4864



14.2708, 12.7052, 10.6529



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.



35.3544, 19.6020, 2.7309



41.6202, 22.0203, 2.0567



45.3537, 39.6005, 6.0640



15.1913, 15.3057, 15.6723



19.2973, 10.2889, 0.9689



1.5576, 0.8926, 0.0902

Inverse Universe

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



39.1387, 53.7603, 86.9106



45.9361, 62.9923, 104.3454



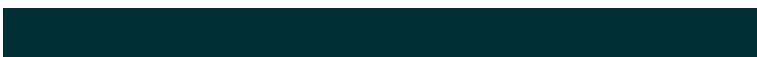
20.6902, 16.8634, 80.7611



15.3763, 16.8390, 19.3621



21.3096, 29.2663, 48.2688



1.7118, 2.3751, 3.8031

Previews

White Background



This preview shows how the XYZ color 35.3540, 19.6008, 2.7306 looks on a white 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

Black Background



This preview shows how the XYZ color 35.3540, 19.6008, 2.7306 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 35.3540, 19.6008, 2.7306

Background



This preview shows how black text looks on a background with the XYZ color 35.3540, 19.6008, 2.7306.



This preview shows how white text looks on a background with the XYZ color 35.3540, 19.6008,

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

35.3540, 19.6008, 2.7306

Protanopia

17.9644, 19.7293, 4.9591

Deuteranopia

19.8789, 19.6911, 2.7530



Tritanopia

35.5427, 19.5571, 4.0921

Trichromacy



Original Color

35.3540, 19.6008, 2.7306

Protanomaly

21.6145, 17.1841, 3.6910

Deuteranomaly

23.5521, 17.6900, 2.4029

Tritanomaly

35.4650, 19.5849, 3.5012

Monochromacy



Original Color

35.3540, 19.6008, 2.7306

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

16.1461, 12.3428, 7.4926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3540, 19.6008, 2.7306 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(235, 45, 23)` looks like.

```
.text, #text, p{  
    color:rgb(235, 45, 23)  
}
```

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(235, 45, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 45, 23) }
```

Border

The CSS property to change the border of an element to XYZ 35.3540, 19.6008, 2.7306 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(235, 45, 23) }
```


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

```
.border{ border-color:rgb(235, 45, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 45, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 45, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 45, 23);  
box-shadow:4px 4px 4px 4px rgb(235, 45,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3540, 19.6008, 2.7306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 45, 23) }
```

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

```
.background{ background-color: rgb(235, 45,  
23) }
```

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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