

Converting Colors

XYZ(35.5137, 20.6000, 2.5456)

Have a look what the booklet for
XYZ(35.5137, 20.6000, 2.5456)
contains.

XYZ(35.5819, 20.6548, 2.5633)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.5819, 20.6548,
2.5633)**

Conversions

Conversions Part 1

Format	Color
Hex	EA3B0F
RGB	234, 59, 15
RGB Percent	92%, 23%, 6%
CMY	0.0824, 0.7686, 0.9412
CMYK	0.00, 0.75, 0.94, 0.08
HSL	12°, 88%, 49%
HSV	12°, 94%, 92%
XYZ	35.5819, 20.6548, 2.5633
YIQ	106.3090, 118.4240, 23.4160

Conversions

Conversions Part 2

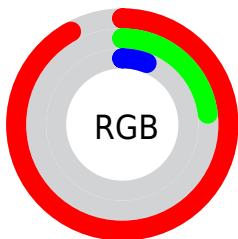
Format	Color
RYB	234, 70, 15
Decimal	15350543
CIELab	52.57, 64.80, 60.90
CIELCh	53, 88.927, 43.225
Yxy	20.6548, 0.6051, 0.3513
Android (android.graphics.Color)	4293540623 (0xFFEA3B0F)
YUV	106.3090, -45.0153, 111.9850
Hunter-Lab	45.4476, 60.2184, 28.4693

Details

The XYZ color **35.5819, 20.6548, 2.5633** 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 **33.4590, 42.8636, 84.3515**, and the grayscale version is **13.8830, 14.6060, 15.9059**.

A 20% lighter version of the original color is **48.8802, 34.8710, 9.6233**, and **16.3622, 8.4350, 0.7657** is the 20% darker color. If you saturate the color by 10%, you get **34.9491, 19.5275, 1.9272**, and if you desaturate by 10%, it is **36.9917, 23.0425, 4.3658**.

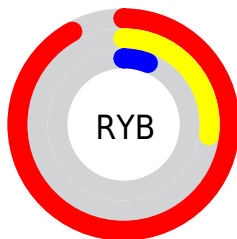
Distribution



Red (92%)

Green (23%)

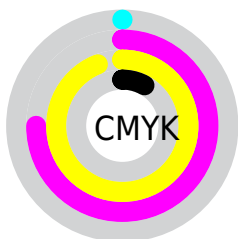
Blue (6%)



Red (92%)

Yellow (27%)

Blue (6%)

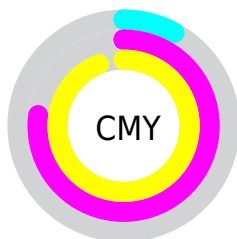


Cyan (0%)

Magenta (75%)

Yellow (94%)

Black (8%)



Cyan (8%)


Magenta (77%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5819, 20.6548, 2.5633 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 35.5819, 20.6548, 2.5633 by changing the saturation by 10% instead.

 35.5819, 20.6548,
2.5633

 35.5819, 20.6548,
2.5633


318.5926,
255.4382, 130.5880

 24.2801, 12.8719,
0.8734


 67.7144, 44.5123,
10.5304

 15.6674, 7.3404,
0.0000


 89.2757, 61.3557,
17.6475

 9.3784, 3.6759,
0.0000


 114.9876, 81.9881,
27.4117

 5.0479, 1.4940,
0.0000

 145.2153,
106.7938, 40.2415

 2.3104, 0.2845,
0.0000

 180.3244,
136.1573, 56.5555


 0.8000, 0.0000,
0.0000


 220.6800,


 0.0000, 0.0000,


170.4629, 76.7722


0.0000


 266.6477,
210.0951, 101.3102


 35.5819, 20.6548,
2.5633


 35.5819, 20.6548,
2.5633


 34.9491, 19.5275,
1.9272

 36.9917, 23.0425,
4.3658

 39.0157, 26.2782,
7.5447

 41.7219, 30.4368,
12.3121

 45.1681, 35.5834,
18.8433

 49.4058, 41.7772,
27.2899

■ 54.4817, 49.0725,
37.7876

■ 60.4385, 57.5199,
50.4592

■ 67.3162, 67.1667,
65.4183

■ 75.1522, 78.0575,
82.7702

Harmonies

Analogous

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



42.4281, 20.6548, 12.7627



35.5819, 20.6548, 2.5633



25.2032, 20.6548, 0.3841

Triad

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



35.5819, 20.6548, 2.5633



7.0837, 20.6548, 10.7921



23.9711, 20.6548, 116.8992

Complementary

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



35.5819, 20.6548, 2.5633



33.4590, 42.8636, 84.3515

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.



14.9486, 20.6548, 114.4743



35.5819, 20.6548, 2.5633



6.9407, 20.6548, 36.2122

Square

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



35.5819, 20.6548, 2.5633



9.8248, 20.6548, 2.0754



9.3435, 20.6548, 78.2257



34.4403, 20.6548, 83.4415

Rectangle

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



35.5819, 20.6548, 2.5633



18.6517, 20.6548, 0.1294



9.3435, 20.6548, 78.2257



20.6456, 20.6548, 120.7379

Sweetspot

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



35.5823, 20.6561, 2.5636



70.0323, 65.0689, 53.9963



43.4184, 21.5604, 50.7029



14.3354, 12.9975, 10.1715



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.



35.5823, 20.6561, 2.5636



42.4346, 23.6493, 2.3282



48.0758, 45.6429, 6.7281



15.3106, 15.5442, 15.7121



19.7104, 11.1150, 1.1066



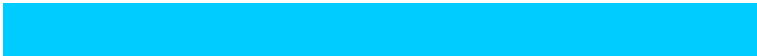
1.6142, 1.0058, 0.1091

Inverse Universe

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



33.4590, 42.8636, 84.3515



39.5842, 50.2885, 102.2281



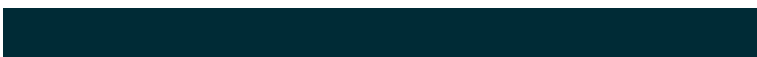
17.9684, 11.8825, 79.1880



15.2456, 16.5777, 19.3185



18.4199, 23.4867, 47.3055



1.5115, 1.9745, 3.7363

Previews

White Background



This preview shows how the XYZ color 35.5819, 20.6548, 2.5633 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 35.5819, 20.6548, 2.5633 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 35.5819, 20.6548, 2.5633

Background



This preview shows how black text looks on a background with the XYZ color 35.5819, 20.6548, 2.5633.



This preview shows how white text looks on a background with the XYZ color 35.5819, 20.6548,

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

35.5819, 20.6548, 2.5633

Protanopia

18.8769, 20.7768, 4.3819

Deuteranopia

21.0145, 20.8039, 2.9080



Tritanopia

36.3657, 20.6900, 5.9478

Trichromacy



Original Color

35.5819, 20.6548, 2.5633

Protanomaly

22.6170, 18.6913, 3.3930

Deuteranomaly

24.6448, 19.1854, 2.5478

Tritanomaly

36.0930, 20.6577, 4.2755

Monochromacy



Original Color

35.5819, 20.6548, 2.5633

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

17.9118, 14.3981, 8.1384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5819, 20.6548, 2.5633 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(234, 59, 15)` looks like.

```
.text, #text, p{  
    color:rgb(234, 59, 15)  
}
```

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(234, 59, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 59, 15) }
```

Border

The CSS property to change the border of an element to XYZ 35.5819, 20.6548, 2.5633 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(234, 59, 15) }
```


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

```
.border{ border-color:rgb(234, 59, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 59, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 59, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 59, 15);  
box-shadow:4px 4px 4px 4px rgb(234, 59,  
15) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5819, 20.6548, 2.5633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 59, 15) }
```

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

```
.background{ background-color: rgb(234, 59,  
15) }
```

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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