

Converting Colors

XYZ(34.5355, 23.9124, 3.3284)

Have a look what the booklet for
XYZ(34.5355, 23.9124, 3.3284)
contains.

XYZ(34.6248, 23.9129, 3.3210)	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(34.6248, 23.9129,
3.3210)**

Conversions

Conversions Part 1

Format	Color
Hex	DF5F11
RGB	223, 95, 17
RGB Percent	87%, 37%, 7%
CMY	0.1255, 0.6274, 0.9333
CMYK	0.00, 0.57, 0.92, 0.13
HSL	23°, 86%, 47%
HSV	23°, 92%, 87%
XYZ	34.6248, 23.9129, 3.3210
YIQ	124.3800, 101.3260, 2.8780

Conversions

Conversions Part 2

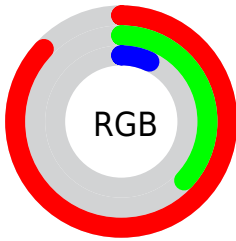
Format	Color
R_{YB}	223, 143, 17
Decimal	14638865
CIE _{Lab}	56.00, 46.75, 61.65
CIE _{LCh}	56, 77.371, 52.827
Yxy	23.9129, 0.5597, 0.3866
Android (android.graphics.Color)	4292828945 (0xFFDF5F11)
YUV	124.3800, -52.9383, 86.4897
Hunter-Lab	48.9008, 40.8126, 30.2040

Details

The XYZ color **34.6248, 23.9129, 3.3210** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **23.6748, 25.6957, 73.5234**, and the grayscale version is **19.4339, 20.4460, 22.2657**.

A 20% lighter version of the original color is **53.1900, 43.2359, 11.8453**, and **15.2901, 9.0595, 0.9428** is the 20% darker color. If you saturate the color by 10%, you get **33.6361, 22.0976, 2.4925**, and if you desaturate by 10%, it is **36.2565, 26.7446, 5.1972**.

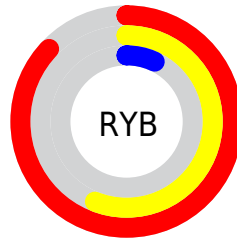
Distribution



Red (87%)

Green (37%)

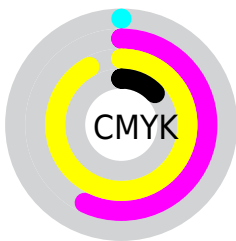
Blue (7%)



Red (87%)

Yellow (56%)

Blue (7%)

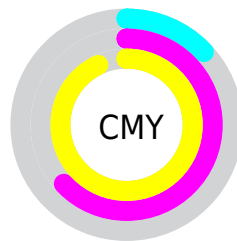


Cyan (0%)

Magenta (57%)

Yellow (92%)

Black (13%)



Cyan (13%)


Magenta (63%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6248, 23.9129, 3.3210 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 34.6248, 23.9129, 3.3210 by changing the saturation by 10% instead.


 34.6248, 23.9129,
3.3210


 34.6248, 23.9129,
3.3210


314.4462,
272.3798, 140.3495


 23.5392, 15.2690,
1.2608


 66.2420, 49.8880,
12.4108

 15.1150, 9.0084,
0.0293


 87.5042, 67.9881,
20.2774

 8.9870, 4.7467,
0.0000


 112.8894, 90.0090,
30.9165

 4.7897, 2.0994,
0.0000

 142.7628,
116.3351, 44.7468

 2.1579, 0.6643,
0.0000

 177.4898,
147.3508, 62.1867


 0.7204, 0.0000,
0.0000


 217.4358,


 0.0000, 0.0000,


183.4406, 83.6548


0.0000


 262.9662,
224.9888, 109.5695


 34.6248, 23.9129,
3.3210


 34.6248, 23.9129,
3.3210

 33.6361, 22.0976,
2.4925

 36.2565, 26.7446,
5.1972

 38.3380, 30.1277,
8.2951

 40.9129, 34.0971,
12.7926

 44.0184, 38.6830,
18.8375

 47.6873, 43.9130,
26.5586

■ 51.9496, 49.8129,
36.0709

■ 56.8328, 56.4069,
47.4793

■ 62.3628, 63.7178,
60.8804

■ 68.5637, 71.7674,
76.3643

Harmonies

Analogous

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



42.2722, 23.9129, 11.3490



34.6248, 23.9129, 3.3210



24.9180, 23.9129, 1.4470

Triad

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



34.6248, 23.9129, 3.3210



9.6904, 23.9129, 20.4186



29.9815, 23.9129, 101.6207

Complementary

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



34.6248, 23.9129, 3.3210



23.6748, 25.6957, 73.5234

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.



20.6712, 23.9129, 110.3671



34.6248, 23.9129, 3.3210



10.3851, 23.9129, 49.8584

Square

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



34.6248, 23.9129, 3.3210



11.6960, 23.9129, 6.3081



13.9267, 23.9129, 87.2832



39.1424, 23.9129, 67.9222

Rectangle

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



34.6248, 23.9129, 3.3210



19.1597, 23.9129, 1.5718



13.9267, 23.9129, 87.2832



26.7150, 23.9129, 108.1977

Sweetspot

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



34.6253, 23.9143, 3.3214



73.0541, 71.1125, 55.0036



35.9348, 18.2101, 29.4173



15.0448, 14.4162, 10.4080



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.



34.6253, 23.9143, 3.3214



45.4743, 29.7287, 3.3414



50.1671, 54.9978, 8.5020



14.1305, 14.5469, 14.3699



19.8783, 13.1945, 1.4991



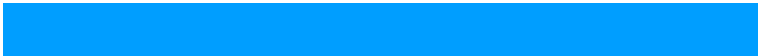
1.4622, 1.0833, 0.1320

Inverse Universe

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



23.6748, 25.6957, 73.5234



30.3517, 31.8234, 99.1506



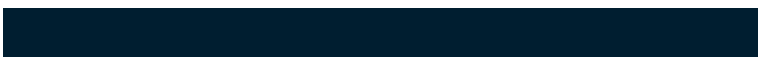
14.4686, 7.2834, 70.4546



13.6578, 14.6547, 17.4965



13.3346, 14.1388, 43.0746



1.0097, 1.1509, 3.0142

Previews

White Background



This preview shows how the XYZ color 34.6248, 23.9129, 3.3210 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 34.6248, 23.9129, 3.3210 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 34.6248, 23.9129, 3.3210

Background



This preview shows how black text looks on a background with the XYZ color 34.6248, 23.9129, 3.3210.



This preview shows how white text looks on a background with the XYZ color 34.6248, 23.9129,

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

34.6248, 23.9129, 3.3210

Protanopia

21.8225, 24.0872, 4.5977

Deuteranopia

24.2967, 23.9844, 3.3489



Tritanopia

36.6441, 23.9605, 13.2831

Trichromacy



Original Color

34.6248, 23.9129, 3.3210

Protanomaly

25.2414, 22.9639, 3.9663

Deuteranomaly

27.2645, 23.3227, 3.2370

Tritanomaly

35.4649, 23.7228, 7.8640

Monochromacy



Original Color

34.6248, 23.9129, 3.3210

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

22.0420, 19.9397, 11.2813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6248, 23.9129, 3.3210 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(223, 95, 17)` looks like.

```
.text, #text, p{  
    color:rgb(223, 95, 17)  
}
```

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(223, 95, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 95, 17) }
```

Border

The CSS property to change the border of an element to XYZ 34.6248, 23.9129, 3.3210 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(223, 95, 17) }
```


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

```
.border{ border-color:rgb(223, 95, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 95, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 95, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 95, 17);  
box-shadow:4px 4px 4px 4px rgb(223, 95,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6248, 23.9129, 3.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 95, 17) }
```

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

```
.background{ background-color: rgb(223, 95,  
17) }
```

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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