

Converting Colors

XYZ(34.1438, 23.7721, 6.1128)

Have a look what the booklet for
XYZ(34.1438, 23.7721, 6.1128)
contains.

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Color

**XYZ(34.0389, 23.6829,
6.1454)**

Conversions

Conversions Part 1

Format	Color
Hex	DB6035
RGB	219, 96, 53
RGB Percent	86%, 38%, 21%
CMY	0.1412, 0.6235, 0.7922
CMYK	0.00, 0.56, 0.76, 0.14
HSL	16°, 70%, 53%
HSV	16°, 76%, 86%
XYZ	34.0389, 23.6829, 6.1454
YIQ	127.8750, 87.1110, 12.7030

Conversions

Conversions Part 2

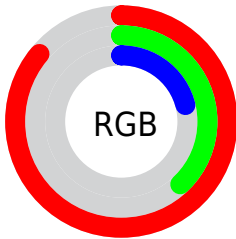
Format	Color
R_{YB}	219, 111, 53
Decimal	14377013
CIE Lab	55.77, 45.72, 47.02
CIE LCh	56, 65.587, 45.803
Yxy	23.6829, 0.5330, 0.3708
Android (android.graphics.Color)	4292567093 (0xFFDB6035)
YUV	127.8750, -36.9134, 79.9166
Hunter-Lab	48.6651, 39.6883, 26.5784

Details

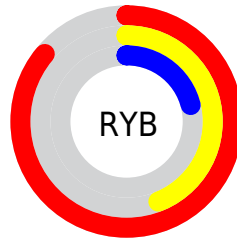
The XYZ color **34.0389, 23.6829, 6.1454** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **29.7783, 36.9192, 72.5739**, and the grayscale version is **20.5782, 21.6498, 23.5767**.

A 20% lighter version of the original color is **54.5446, 44.0320, 18.1946**, and **14.7849, 8.9024, 1.0252** is the 20% darker color. If you saturate the color by 10%, you get **32.3146, 20.8649, 3.6275**, and if you desaturate by 10%, it is **36.2999, 27.2067, 9.9772**.

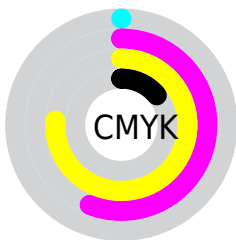
Distribution



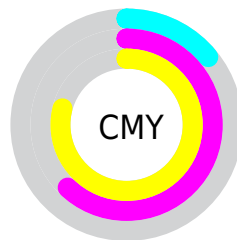
- Red (86%)
- Green (38%)
- Blue (21%)



- Red (86%)
- Yellow (44%)
- Blue (21%)



- Cyan (0%)
- Magenta (56%)
- Yellow (76%)
- Black (14%)





- Cyan (14%)
- Magenta (62%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0389, 23.6829, 6.1454 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 34.0389, 23.6829, 6.1454 by changing the saturation by 10% instead.

 34.0389, 23.6829,
6.1454


 34.0389, 23.6829,
6.1454


311.8883,
271.2134, 169.7128


 23.0865, 15.0986,
2.8635


 65.3380, 49.5122,
18.7148


 14.7784, 8.8886,
1.0254


 86.4155, 67.5260,
28.8394


 8.7493, 4.6686,
0.0000


 111.5987, 89.4518,
42.0819

 4.6338, 2.0542,
0.0000

 141.2530,
115.6738, 58.8609

 2.0666, 0.6387,
0.0000

 175.7438,
146.5766, 79.5950

 0.6710, 0.0000,
0.0000

 215.4364,

 0.0000, 0.0000,

182.5446, 104.7026

0.0000

260.6961,
223.9620, 134.6024

■ 34.0389, 23.6829,
6.1454

■ 34.0389, 23.6829,
6.1454

■ 32.3146, 20.8649,
3.6275

■ 36.2999, 27.2067,
9.9772

■ 31.0720, 18.6970,
2.2354


■ 39.1410, 31.4780,
15.2737


■ 30.6634, 17.9604,
1.8506


■ 42.6026, 36.5398,
22.1664


■ 46.7209, 42.4304,
30.7715

■ 51.5290, 49.1855,
41.1944

 57.0578, 56.8389,
53.5319

 63.3361, 65.4223,
67.8741

 70.3913, 74.9658,
84.3050

 78.2493, 85.4984,
102.9042

Harmonies

Analogous

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



39.2877, 23.6829, 16.1545



34.0389, 23.6829, 6.1454



26.2071, 23.6829, 2.9628

Triad

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



34.0389, 23.6829, 6.1454



11.2873, 23.6829, 16.9807



26.6383, 23.6829, 88.7836

Complementary

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



34.0389, 23.6829, 6.1454



29.7783, 36.9192, 72.5739

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.



19.1778, 23.6829, 89.4633



34.0389, 23.6829, 6.1454



11.3529, 23.6829, 38.6425

Square

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



34.0389, 23.6829, 6.1454



13.7263, 23.6829, 6.4630



13.9313, 23.6829, 67.7706



34.4140, 23.6829, 66.2352

Rectangle

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



34.0389, 23.6829, 6.1454



21.0932, 23.6829, 2.7232



13.9313, 23.6829, 67.7706



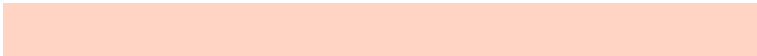
23.9887, 23.6829, 91.8733

Sweetspot

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



34.0394, 23.6842, 6.1458



74.6736, 72.1213, 62.4187



38.4721, 20.8006, 43.8439



15.4085, 14.6366, 12.0925



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.



34.0394, 23.6842, 6.1458



44.4927, 27.5188, 3.7746



45.6769, 46.9591, 10.0249



13.3289, 13.5972, 13.6476



18.2577, 10.8009, 1.1225



1.2524, 0.8388, 0.0959

Inverse Universe

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



29.7783, 36.9192, 72.5739



37.8906, 46.3784, 101.5626



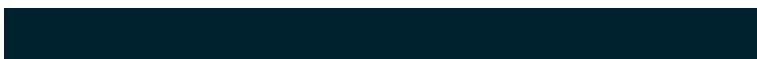
18.3018, 13.9662, 68.7484



13.1445, 14.2288, 16.7058



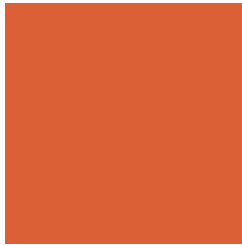
15.3630, 18.5954, 42.5180



1.0634, 1.3410, 2.7772

Previews

White Background



This preview shows how the XYZ color 34.0389, 23.6829, 6.1454 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 34.0389, 23.6829, 6.1454 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 34.0389, 23.6829, 6.1454

Background



This preview shows how black text looks on a background with the XYZ color 34.0389, 23.6829, 6.1454.



This preview shows how white text looks on a background with the XYZ color 34.0389, 23.6829,

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

34.0389, 23.6829, 6.1454

Protanopia

21.8449, 23.8099, 8.2949

Deuteranopia

24.2115, 23.6930, 5.7798



Tritanopia

35.7175, 23.7174, 14.0047

Trichromacy



Original Color

34.0389, 23.6829, 6.1454

Protanomaly

24.9876, 22.7579, 7.3507

Deuteranomaly

27.2724, 23.2690, 5.8503

Tritanomaly

34.9148, 23.6384, 10.5070

Monochromacy



Original Color

34.0389, 23.6829, 6.1454

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

23.2923, 21.0074, 15.1391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0389, 23.6829, 6.1454 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(219, 96, 53)` looks like.

```
.text, #text, p{  
    color:rgb(219, 96, 53)  
}
```

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(219, 96, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 96, 53) }
```

Border

The CSS property to change the border of an element to XYZ 34.0389, 23.6829, 6.1454 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(219, 96, 53) }
```


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

```
.border{ border-color:rgb(219, 96, 53) }
```

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

Here you see how a box with a 4 pixel rgb(219, 96, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 96, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 96, 53);  
box-shadow:4px 4px 4px 4px rgb(219, 96,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0389, 23.6829, 6.1454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 96, 53) }
```

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

```
.background{ background-color: rgb(219, 96,  
53) }
```

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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