

Converting Colors

XYZ(35.2475, 24.6895, 3.6849)

Have a look what the booklet for
XYZ(35.2475, 24.6895, 3.6849)
contains.

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Color

**XYZ(35.2530, 24.6406,
3.6571)**

Conversions

Conversions Part 1

Format	Color
Hex	E06216
RGB	224, 98, 22
RGB Percent	88%, 38%, 9%
CMY	0.1216, 0.6157, 0.9137
CMYK	0.00, 0.56, 0.90, 0.12
HSL	23°, 82%, 48%
HSV	23°, 90%, 88%
XYZ	35.2530, 24.6406, 3.6571
YIQ	127.0100, 99.4920, 3.0760

Conversions

Conversions Part 2

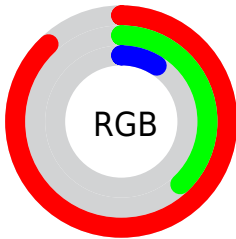
Format	Color
R_{YB}	224, 144, 22
Decimal	14705174
CIE _{Lab}	56.72, 45.78, 60.86
CIE _{LCh}	57, 76.153, 53.047
Yxy	24.6406, 0.5547, 0.3877
Android (android.graphics.Color)	4292895254 (0xFFE06216)
YUV	127.0100, -51.7699, 85.0602
Hunter-Lab	49.6393, 39.8989, 30.3794

Details

The XYZ color **35.2530, 24.6406, 3.6571** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **24.3744, 26.7303, 74.3953**, and the grayscale version is **20.3256, 21.3841, 23.2873**.

A 20% lighter version of the original color is **53.7727, 44.2383, 12.5422**, and **15.6363, 9.4538, 1.0006** is the 20% darker color. If you saturate the color by 10%, you get **33.9327, 22.2321, 2.5028**, and if you desaturate by 10%, it is **36.9944, 27.6159, 5.8033**.

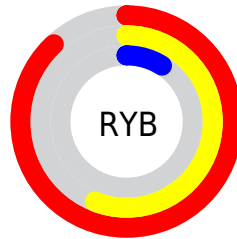
Distribution



Red (88%)

Green (38%)

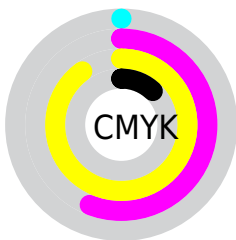
Blue (9%)



Red (88%)

Yellow (56%)

Blue (9%)

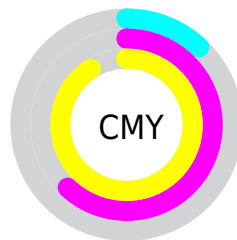


Cyan (0%)

Magenta (56%)

Yellow (90%)

Black (12%)



Cyan (12%)


Magenta (62%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2530, 24.6406, 3.6571 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 35.2530, 24.6406, 3.6571 by changing the saturation by 10% instead.

 35.2530, 24.6406,
3.6571


 35.2530, 24.6406,
3.6571

317.1721,
276.0433, 144.3342


 24.0253, 15.8095,
1.4392


 67.2090, 51.0736,
13.2109

 15.4772, 9.3894,
0.1720


 88.6679, 69.4442,
21.3838

 9.2435, 4.9961,
0.0000


 114.2679, 91.7635,
32.3788

 4.9587, 2.2450,
0.0000

 144.3744,
118.4158, 46.6145

 2.2576, 0.7443,
0.0000

 179.3527,
149.7856, 64.5093

 0.7728, 0.0000,
0.0000

 219.5682,

 0.0000, 0.0000,

186.2572, 86.4818

0.0000

265.3862,
228.2149, 112.9506

35.2530, 24.6406,
3.6571

35.2530, 24.6406,
3.6571

33.9327, 22.2321,
2.5028

36.9944, 27.6159,
5.8033

39.2021, 31.1593,
9.2274

41.9187, 35.3054,
14.1011

45.1809, 40.0844,
20.5692

49.0213, 45.5241,
28.7585

■ 53.4697, 51.6503,
38.7827

■ 58.5537, 58.4874,
50.7461

■ 64.2990, 66.0584,
64.7447

■ 70.7298, 74.3853,
80.8683

Harmonies

Analogous

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



42.8998, 24.6406, 11.8814



35.2530, 24.6406, 3.6571



25.5478, 24.6406, 1.6802

Triad

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



35.2530, 24.6406, 3.6571



10.2341, 24.6406, 21.3362



30.7582, 24.6406, 101.6357

Complementary

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



35.2530, 24.6406, 3.6571



24.3744, 26.7303, 74.3953

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.



21.4140, 24.6406, 110.4892



35.2530, 24.6406, 3.6571



10.9630, 24.6406, 50.8783

Square

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



35.2530, 24.6406, 3.6571



12.2565, 24.6406, 6.8659



14.5845, 24.6406, 87.9228



39.8802, 24.6406, 68.2527

Rectangle

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



35.2530, 24.6406, 3.6571



19.7742, 24.6406, 1.8265



14.5845, 24.6406, 87.9228



27.4887, 24.6406, 108.1867

Sweetspot

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



35.2535, 24.6420, 3.6575



73.6764, 71.9266, 56.5381



36.5269, 18.6210, 30.4953



15.2916, 14.7467, 10.9931



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.



35.2535, 24.6420, 3.6575



45.4182, 29.6164, 3.3227



50.8664, 55.8678, 8.8618



14.1277, 14.5414, 14.3689



19.8534, 13.1447, 1.4908



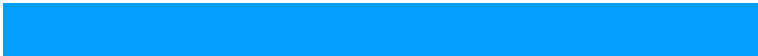
1.4603, 1.0795, 0.1314

Inverse Universe

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



24.3744, 26.7303, 74.3953



30.4569, 32.0339, 99.1856



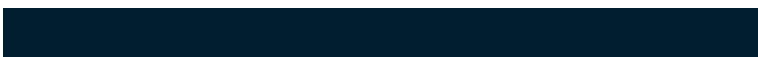
14.8810, 7.7436, 71.2309



13.6606, 14.6604, 17.4974



13.3800, 14.2296, 43.0897



1.0127, 1.1568, 3.0152

Previews

White Background



This preview shows how the XYZ color 35.2530, 24.6406, 3.6571 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 35.2530, 24.6406, 3.6571 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 35.2530, 24.6406, 3.6571

Background



This preview shows how black text looks on a background with the XYZ color 35.2530, 24.6406, 3.6571.



This preview shows how white text looks on a background with the XYZ color 35.2530, 24.6406,

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

35.2530, 24.6406, 3.6571

Protanopia

22.5328, 24.8656, 4.9784

Tritanopia

37.2628, 24.5140, 14.0770

Trichromacy



Original Color

35.2530, 24.6406, 3.6571

Protanomaly

25.8830, 23.8335, 4.3347

Tritanomaly

36.1595, 24.4552, 8.6089

Monochromacy



Original Color

35.2530, 24.6406, 3.6571

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

22.9489, 20.8934, 12.2745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2530, 24.6406, 3.6571 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(224, 98, 22)` looks like.

```
.text, #text, p{  
    color:rgb(224, 98, 22)  
}
```

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(224, 98, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 98, 22) }
```

Border

The CSS property to change the border of an element to XYZ 35.2530, 24.6406, 3.6571 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(224, 98, 22) }
```

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

```
.border{ border-color:rgb(224, 98, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 98, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 98, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 98, 22);  
box-shadow:4px 4px 4px 4px rgb(224, 98,  
22) }
```


Background

The CSS property to change the background color of an element to XYZ 35.2530, 24.6406, 3.6571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 98, 22) }
```

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

```
.background{ background-color: rgb(224, 98,  
22) }
```

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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