

Converting Colors

XYZ(36.4193, 26.5780, 4.6606)

Have a look what the booklet for
XYZ(36.4193, 26.5780, 4.6606)
contains.

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Color

**XYZ(36.2727, 26.4725,
4.6368)**

Conversions

Conversions Part 1

Format	Color
Hex	E06B21
RGB	224, 107, 33
RGB Percent	88%, 42%, 13%
CMY	0.1216, 0.5804, 0.8706
CMYK	0.00, 0.52, 0.85, 0.12
HSL	23°, 75%, 50%
HSV	23°, 85%, 88%
XYZ	36.2727, 26.4725, 4.6368
YIQ	133.5470, 93.4860, 1.7900

Conversions

Conversions Part 2

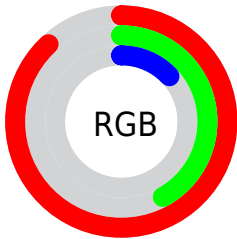
Format	Color
R _Y B	224, 154, 33
Decimal	14707489
CIE Lab	58.48, 41.63, 58.58
CIE LCh	58, 71.862, 54.600
Yxy	26.4725, 0.5383, 0.3929
Android (android.graphics.Color)	4292897569 (0xFFE06B21)
YUV	133.5470, -49.5697, 79.3273
Hunter-Lab	51.4514, 35.8005, 30.6728

Details

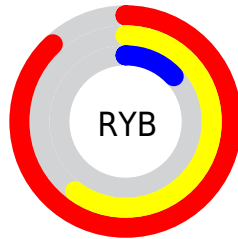
The XYZ color **36.2727, 26.4725, 4.6368** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **24.9873, 27.5162, 74.5147**, and the grayscale version is **22.6467, 23.8261, 25.9466**.

A 20% lighter version of the original color is **55.4505, 47.0575, 14.7548**, and **16.1121, 10.4054, 1.1592** is the 20% darker color. If you saturate the color by 10%, you get **34.7379, 23.7496, 3.0579**, and if you desaturate by 10%, it is **38.2439, 29.7357, 7.3892**.

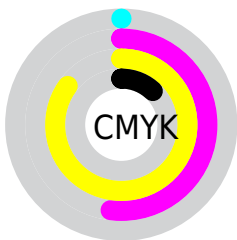
Distribution



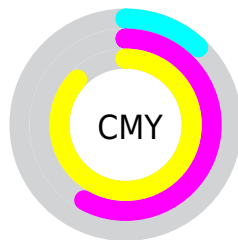
- Red (88%)
- Green (42%)
- Blue (13%)



- Red (88%)
- Yellow (60%)
- Blue (13%)



- Cyan (0%)
- Magenta (52%)
- Yellow (85%)
- Black (12%)





- Cyan (12%)
- Magenta (58%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.2727, 26.4725, 4.6368 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 36.2727, 26.4725, 4.6368 by changing the saturation by 10% instead.


 36.2727, 26.4725,
4.6368


 36.2727, 26.4725,
4.6368


321.5614,
285.0939, 155.0603


 24.8160, 17.1775,
1.9808


 68.7739, 54.0362,
15.4537


 16.0680, 10.3611,
0.5434


 90.5490, 73.0737,
24.4516


 9.6634, 5.6390,
0.0000


 116.4944, 96.1274,
36.4006

 5.2369, 2.6269,
0.0000

 146.9753,
123.5818, 51.7192

 2.4231, 0.9402,
0.0000

 182.3571,
155.8213, 70.8259

 0.8567, 0.0000,
0.0000

 223.0051,

 0.0000, 0.0000,

193.2302, 94.1393

0.0000

269.2848,
236.1929, 122.0779

■ 36.2727, 26.4725,
4.6368

■ 36.2727, 26.4725,
4.6368

■ 34.7379, 23.7496,
3.0579

■ 38.2439, 29.7357,
7.3892

■ 34.1316, 22.6299,
2.5691

■ 40.6956, 33.5690,
11.5053

■ 43.6669, 38.0043,
17.1422

■ 47.1916, 43.0694,
24.4348

■ 51.3005, 48.7900,
33.5028

■ 56.0217, 55.1903,
44.4548

■ 61.3813, 62.2930,
57.3908

■ 67.4040, 70.1198,
72.4033

■ 74.1128, 78.6914,
89.5793

Harmonies

Analogous

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



43.8624, 26.4725, 13.0085



36.2727, 26.4725, 4.6368



26.7850, 26.4725, 2.5041

Triad

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



36.2727, 26.4725, 4.6368



11.8103, 26.4725, 24.5061



32.8706, 26.4725, 99.0030

Complementary

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



36.2727, 26.4725, 4.6368



24.9873, 27.5162, 74.5147

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.



23.6046, 26.4725, 108.8203



36.2727, 26.4725, 4.6368



12.7133, 26.4725, 54.0245

Square

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



36.2727, 26.4725, 4.6368



13.7489, 26.4725, 8.8980



16.5881, 26.4725, 88.9946



41.5995, 26.4725, 66.9227

Rectangle

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



36.2727, 26.4725, 4.6368



21.1380, 26.4725, 2.7779



16.5881, 26.4725, 88.9946



29.6652, 26.4725, 105.5849

Sweetspot

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



36.2733, 26.4740, 4.6372



74.5379, 73.2114, 58.1762



36.8526, 19.1624, 30.9427



15.4666, 15.0129, 11.3097



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.



36.2733, 26.4740, 4.6372



45.6833, 30.1465, 3.4111



52.0688, 58.0651, 9.9024



14.1405, 14.5670, 14.3732



19.9709, 13.3797, 1.5300



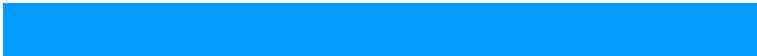
1.4693, 1.0975, 0.1344

Inverse Universe

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



24.9873, 27.5162, 74.5147



29.9714, 31.0629, 99.0238



15.4616, 8.4648, 71.3394



13.6474, 14.6339, 17.4930



13.1704, 13.8104, 43.0199



0.9990, 1.1294, 3.0106

Previews

White Background



This preview shows how the XYZ color 36.2727, 26.4725, 4.6368 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 36.2727, 26.4725, 4.6368 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 36.2727, 26.4725, 4.6368

Background



This preview shows how black text looks on a background with the XYZ color 36.2727, 26.4725, 4.6368.



This preview shows how white text looks on a background with the XYZ color 36.2727, 26.4725,

4.6368.

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

36.2727, 26.4725, 4.6368

Protanopia

24.0433, 26.4860, 6.0356

Deuteranopia

26.9864, 26.5556, 4.2337



Tritanopia

38.8896, 26.5068, 16.9765

Trichromacy



Original Color

36.2727, 26.4725, 4.6368

Protanomaly

27.5079, 25.7921, 5.4480

Deuteranomaly

29.8680, 26.0793, 4.2702

Tritanomaly

37.6622, 26.4484, 10.7095

Monochromacy



Original Color

36.2727, 26.4725, 4.6368

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

25.3017, 23.4939, 14.5105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2727, 26.4725, 4.6368 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, 107, 33)` looks like.

```
.text, #text, p{  
    color:rgb(224, 107, 33)  
}
```

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, 107, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 107, 33) }
```

Border

The CSS property to change the border of an element to XYZ 36.2727, 26.4725, 4.6368 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, 107, 33) }
```


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

```
.border{ border-color:rgb(224, 107, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 107, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 107, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 107, 33);  
box-shadow:4px 4px 4px 4px rgb(224, 107,  
33) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2727, 26.4725, 4.6368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 107, 33) }
```

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

```
.background{ background-color: rgb(224,  
107, 33) }
```

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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