

Converting Colors

XYZ(34.4996, 25.6762, 4.9141)

Have a look what the booklet for
XYZ(34.4996, 25.6762, 4.9141)
contains.

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Color

**XYZ(34.6099, 25.7641,
4.8991)**

Conversions

Conversions Part 1

Format	Color
Hex	DA6C25
RGB	218, 108, 37
RGB Percent	85%, 42%, 15%
CMY	0.1451, 0.5764, 0.8549
CMYK	0.00, 0.50, 0.83, 0.15
HSL	24°, 71%, 50%
HSV	24°, 83%, 85%
XYZ	34.6099, 25.7641, 4.8991
YIQ	132.7960, 88.3510, 1.2390

Conversions

Conversions Part 2

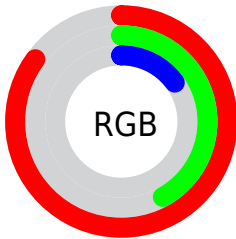
Format	Color
R_{YB}	218, 154, 37
Decimal	14314533
CIE _{Lab}	57.81, 38.89, 56.13
CIE _{LCh}	58, 68.284, 55.284
Yxy	25.7641, 0.5302, 0.3947
Android (android.graphics.Color)	4292504613 (0xFFDA6C25)
YUV	132.7960, -47.2274, 74.7239
Hunter-Lab	50.7583, 32.8842, 29.8083

Details

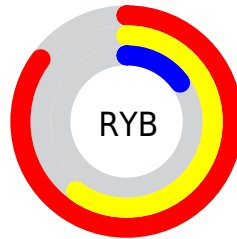
The XYZ color **34.6099, 25.7641, 4.8991** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **23.8507, 26.3210, 70.1525**, and the grayscale version is **22.3648, 23.5295, 25.6236**.

A 20% lighter version of the original color is **55.7463, 47.4543, 15.4540**, and **15.1734, 9.9942, 1.1293** is the 20% darker color. If you saturate the color by 10%, you get **33.0714, 23.0815, 3.1717**, and if you desaturate by 10%, it is **36.5659, 28.9558, 7.7727**.

Distribution



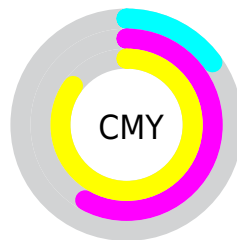
- Red (85%)
- Green (42%)
- Blue (15%)



- Red (85%)
- Yellow (60%)
- Blue (15%)



- Cyan (0%)
- Magenta (50%)
- Yellow (83%)
- Black (15%)





- Cyan (15%)
- Magenta (58%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6099, 25.7641, 4.8991 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 34.6099, 25.7641, 4.8991 by changing the saturation by 10% instead.


 34.6099, 25.7641,
4.8991


 34.6099, 25.7641,
4.8991


314.3814,
281.6221, 157.7485

 23.5276, 16.6472,
2.1305


 66.2190, 52.8941,
16.0353


 15.1064, 9.9833,
0.6338


 87.4766, 71.6761,
25.2401

 8.9809, 5.3879,
0.0000


 112.8566, 94.4486,
37.4272

 4.7857, 2.4766,
0.0000

 142.7245,
121.5959, 53.0153

 2.1556, 0.8649,
0.0000

 177.4455,
153.5026, 72.4230

 0.7192, 0.0000,
0.0000

 217.3851,

 0.0000, 0.0000,

190.5529, 96.0687

0.0000

262.9086,
233.1313, 124.3710

■ 34.6099, 25.7641,
4.8991

■ 34.6099, 25.7641,
4.8991

■ 33.0714, 23.0815,
3.1717

■ 36.5659, 28.9558,
7.7727

■ 32.2028, 21.4846,
2.4497

■ 38.9783, 32.6830,
11.9607

■ 41.8823, 36.9743,
17.6045

■ 45.3087, 41.8549,
24.8267

■ 49.2854, 47.3481,
33.7365

■ 53.8380, 53.4758,
44.4335

■ 58.9906, 60.2588,
57.0094

■ 64.7655, 67.7167,
71.5496

■ 71.1842, 75.8684,
88.1343

Harmonies

Analogous

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



41.6903, 25.7641, 12.8488



34.6099, 25.7641, 4.8991



25.8075, 25.7641, 2.8253

Triad

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



34.6099, 25.7641, 4.8991



11.8958, 25.7641, 24.5012



31.8582, 25.7641, 91.8953

Complementary

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



34.6099, 25.7641, 4.8991



23.8507, 26.3210, 70.1525

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.



23.2143, 25.7641, 101.4099



34.6099, 25.7641, 4.8991



12.8191, 25.7641, 52.0959

Square

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



34.6099, 25.7641, 4.8991



13.6797, 25.7641, 9.3939



16.5613, 25.7641, 83.9467



39.8691, 25.7641, 62.4286

Rectangle

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



34.6099, 25.7641, 4.8991



20.5626, 25.7641, 3.1495



16.5613, 25.7641, 83.9467



28.8837, 25.7641, 98.0463

Sweetspot

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



34.6105, 25.7655, 4.8995



75.2938, 74.2772, 59.8031



34.9691, 18.3863, 29.9796



15.6168, 15.2281, 11.6226



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.



34.6105, 25.7655, 4.8995



45.8006, 30.3812, 3.4502



49.1868, 54.9182, 9.7583



13.4729, 13.8852, 13.6956



19.3908, 13.0671, 1.5002



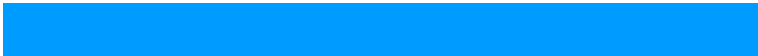
1.3386, 1.0113, 0.1247

Inverse Universe

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



23.8507, 26.3210, 70.1525



29.7654, 30.6507, 98.9551



14.9369, 8.4934, 67.1812



12.9938, 13.9274, 16.6555



12.6715, 13.2125, 41.6208



0.9039, 1.0219, 2.7241

Previews

White Background



This preview shows how the XYZ color 34.6099, 25.7641, 4.8991 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 34.6099, 25.7641, 4.8991 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 34.6099, 25.7641, 4.8991

Background



This preview shows how black text looks on a background with the XYZ color 34.6099, 25.7641, 4.8991.



This preview shows how white text looks on a background with the XYZ color 34.6099, 25.7641,

4.8991.

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

34.6099, 25.7641, 4.8991

Protanopia

23.5620, 26.0135, 6.2619

Deuteranopia

26.3422, 25.8072, 4.5702



Tritanopia

37.1792, 25.7622, 17.2004

Trichromacy



Original Color

34.6099, 25.7641, 4.8991

Protanomaly

26.7275, 25.1892, 5.6438

Deuteranomaly

28.8032, 25.3360, 4.6005

Tritanomaly

35.9885, 25.7255, 11.0514

Monochromacy



Original Color

34.6099, 25.7641, 4.8991

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

24.7221, 23.1897, 14.7283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6099, 25.7641, 4.8991 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(218, 108, 37)` looks like.

```
.text, #text, p{  
    color:rgb(218, 108, 37)  
}
```

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(218, 108, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 108, 37) }
```

Border

The CSS property to change the border of an element to XYZ 34.6099, 25.7641, 4.8991 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(218, 108, 37) }
```


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

```
.border{ border-color:rgb(218, 108, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 108, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 108, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 108, 37);  
box-shadow:4px 4px 4px 4px rgb(218, 108,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6099, 25.7641, 4.8991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 108, 37) }
```

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

```
.background{ background-color: rgb(218,  
108, 37) }
```

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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