

Converting Colors

XYZ(34.2429, 25.8560, 6.5541)

Have a look what the booklet for
XYZ(34.2429, 25.8560, 6.5541)
contains.

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Color

**XYZ(34.2429, 25.8560,
6.5541)**

Conversions

Conversions Part 1

Format	Color
Hex	D76E35
RGB	215, 110, 53
RGB Percent	84%, 43%, 21%
CMY	0.1569, 0.5686, 0.7921
CMYK	0.00, 0.49, 0.75, 0.16
HSL	21°, 67%, 53%
HSV	21°, 75%, 84%
XYZ	34.2429, 25.8560, 6.5541
YIQ	134.8970, 80.8770, 4.5330

Conversions

Conversions Part 2

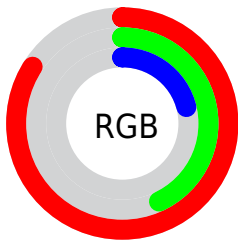
Format	Color
RYB	215, 141, 53
Decimal	14118453
CIELab	57.90, 37.24, 49.03
CIElCh	58, 61.574, 52.780
Yxy	25.8560, 0.5137, 0.3879
Android (android.graphics.Color)	4292308533 (0xFFD76E35)
YUV	134.8970, -40.3752, 70.2503
Hunter-Lab	50.8488, 31.2211, 27.9520

Details

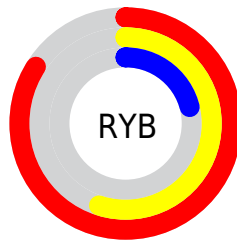
The XYZ color **34.2429, 25.8560, 6.5541** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **25.9599, 30.1151, 68.7341**, and the grayscale version is **23.1157, 24.3196, 26.4840**.

A 20% lighter version of the original color is **56.7854, 48.4337, 19.1877**, and **14.8904, 9.9980, 1.1450** is the 20% darker color. If you saturate the color by 10%, you get **32.4676, 22.9276, 4.0455**, and if you desaturate by 10%, it is **36.4775, 29.3488, 10.3099**.

Distribution



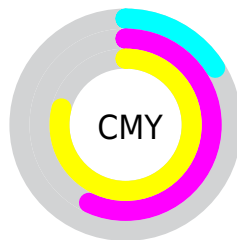
- Red (84%)
- Green (43%)
- Blue (21%)



- Red (84%)
- Yellow (55%)
- Blue (21%)



- Cyan (0%)
- Magenta (49%)
- Yellow (75%)
- Black (16%)





- Cyan (16%)
- Magenta (57%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2429, 25.8560, 6.5541 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 34.2429, 25.8560, 6.5541 by changing the saturation by 10% instead.


 34.2429, 25.8560,
6.5541


 34.2429, 25.8560,
6.5541


312.7807,
282.0745, 173.3933


 23.2440, 16.7159,
3.1107


 65.6530, 53.0425,
19.5678

 14.8955, 10.0322,
1.1514


 86.7950, 71.8578,
29.9750

 8.8319, 5.4203,
0.0000


 112.0486, 94.6670,
43.5407

 4.6879, 2.4959,
0.0000

 141.7794,
121.8544, 60.6832

 2.0982, 0.8746,
0.0000

 176.3527,
153.8044, 81.8212

 0.6882, 0.0000,
0.0000

 216.1337,

 0.0000, 0.0000,

190.9015, 107.3732

0.0000

261.4879,
233.5301, 137.7577

■ 34.2429, 25.8560,
6.5541

■ 34.2429, 25.8560,
6.5541

■ 32.4676, 22.9276,
4.0455

■ 36.4775, 29.3488,
10.3099

■ 31.1067, 20.5243,
2.6093

■ 39.2062, 33.4328,
15.4536

■ 30.5849, 19.5685,
2.1651

■ 42.4621, 38.1380,
22.1081

■ 46.2743, 43.4907,
30.3824

■ 50.6698, 49.5156,
40.3752

■ 55.6736, 56.2361,
52.1772

■ 61.3093, 63.6742,
65.8728

■ 67.5989, 71.8511,
81.5411

■ 74.5635, 80.7870,
99.2564

Harmonies

Analogous

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



40.1961, 25.8560, 15.1220



34.2429, 25.8560, 6.5541



26.4103, 25.8560, 3.9717

Triad

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



34.2429, 25.8560, 6.5541



12.9749, 25.8560, 23.3285



30.5168, 25.8560, 85.0415

Complementary

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



34.2429, 25.8560, 6.5541



25.9599, 30.1151, 68.7341

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.



22.8274, 25.8560, 91.1591



34.2429, 25.8560, 6.5541



13.6383, 25.8560, 47.0977

Square

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



34.2429, 25.8560, 6.5541



14.8839, 25.8560, 9.9782



16.9237, 25.8560, 74.7667



37.7606, 25.8560, 60.7605

Rectangle

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



34.2429, 25.8560, 6.5541



21.5557, 25.8560, 4.1609



16.9237, 25.8560, 74.7667



27.8647, 25.8560, 89.6626

Sweetspot

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



34.2435, 25.8574, 6.5546



76.0535, 74.8811, 62.8787



35.4948, 19.4724, 34.3712



15.7370, 15.2935, 12.2019



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.



34.2435, 25.8574, 6.5546



46.6016, 31.6937, 4.6096



47.2322, 51.8348, 10.8841



12.7772, 13.1286, 13.0213



18.3841, 11.8854, 1.3252



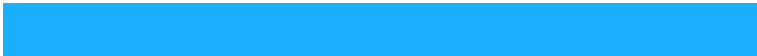
1.1854, 0.8701, 0.1055

Inverse Universe

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



25.9599, 30.1151, 68.7341



33.6461, 37.7987, 100.1303



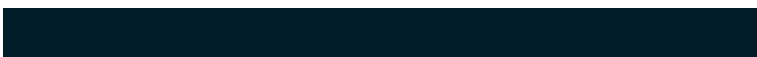
16.4090, 11.0133, 65.5505



12.4074, 13.3382, 15.8581



12.9914, 14.2446, 40.5179



0.8600, 1.0121, 2.4693

Previews

White Background



This preview shows how the XYZ color 34.2429, 25.8560, 6.5541 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 34.2429, 25.8560, 6.5541 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 34.2429, 25.8560, 6.5541

Background



This preview shows how black text looks on a background with the XYZ color 34.2429, 25.8560, 6.5541.



This preview shows how white text looks on a background with the XYZ color 34.2429, 25.8560,

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

34.2429, 25.8560, 6.5541

Protanopia

23.7652, 26.0725, 8.3374

Deuteranopia

26.5798, 26.0943, 6.3251



Tritanopia

36.7330, 25.9538, 18.1125

Trichromacy



Original Color

34.2429, 25.8560, 6.5541

Protanomaly

26.7711, 25.3634, 7.6223

Deuteranomaly

29.1232, 25.8361, 6.3576

Tritanomaly

35.6148, 25.7980, 12.7753

Monochromacy



Original Color

34.2429, 25.8560, 6.5541

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

25.3205, 23.8341, 16.6305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2429, 25.8560, 6.5541 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(215, 110, 53)` looks like.

```
.text, #text, p{  
    color:rgb(215, 110, 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(215, 110, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 110, 53) }
```

Border

The CSS property to change the border of an element to XYZ 34.2429, 25.8560, 6.5541 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(215, 110, 53) }
```


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

```
.border{ border-color:rgb(215, 110, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 110, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 110, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 110, 53);  
box-shadow:4px 4px 4px 4px rgb(215, 110,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2429, 25.8560, 6.5541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 110, 53) }
```

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

```
.background{ background-color: rgb(215,  
110, 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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