

Converting Colors

XYZ(35.6795, 24.8853, 8.5677)

Have a look what the booklet for
XYZ(35.6795, 24.8853, 8.5677)
contains.

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Color

**XYZ(35.6602, 24.8829,
8.5536)**

Conversions

Conversions Part 1

Format	Color
Hex	DE6345
RGB	222, 99, 69
RGB Percent	87%, 39%, 27%
CMY	0.1294, 0.6117, 0.7294
CMYK	0.00, 0.55, 0.69, 0.13
HSL	12°, 70%, 57%
HSV	12°, 69%, 87%
XYZ	35.6602, 24.8829, 8.5536
YIQ	132.3570, 82.9380, 16.7460

Conversions

Conversions Part 2

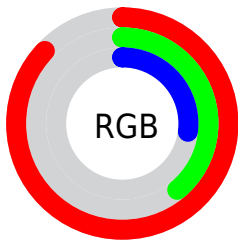
Format	Color
R_{YB}	222, 106, 69
Decimal	14574405
CIE _{Lab}	56.96, 46.13, 40.14
CIE _{LCh}	57, 61.151, 41.025
Yxy	24.8829, 0.5161, 0.3601
Android (android.graphics.Color)	4292764485 (0xFFDE6345)
YUV	132.3570, -31.2350, 78.6169
Hunter-Lab	49.8828, 40.3113, 24.7512

Details

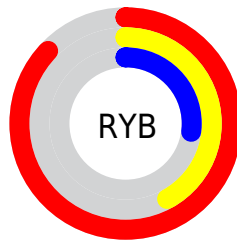
The XYZ color **35.6602, 24.8829, 8.5536** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **34.4872, 44.2354, 75.8274**, and the grayscale version is **22.1503, 23.3038, 25.3779**.

A 20% lighter version of the original color is **55.9012, 45.3505, 22.9467**, and **15.6289, 9.4894, 1.8185** is the 20% darker color. If you saturate the color by 10%, you get **33.5875, 21.6420, 5.0754**, and if you desaturate by 10%, it is **38.3653, 28.9768, 13.5141**.

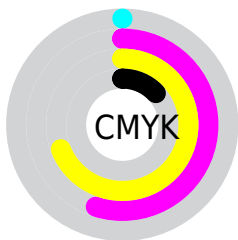
Distribution



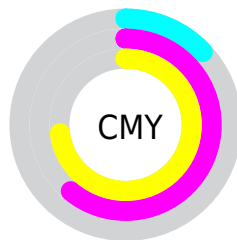
- Red (87%)
- Green (39%)
- Blue (27%)



- Red (87%)
- Yellow (42%)
- Blue (27%)



- Cyan (0%)
- Magenta (55%)
- Yellow (69%)
- Black (13%)





- Cyan (13%)
- Magenta (61%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6602, 24.8829, 8.5536 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 35.6602, 24.8829, 8.5536 by changing the saturation by 10% instead.


 35.6602, 24.8829,
8.5536


 35.6602, 24.8829,
8.5536


318.9301,
277.2543, 190.1057


 24.3408, 15.9898,
4.3584


 67.8346, 51.4672,
23.6006

 15.7127, 9.5170,
1.8239


 89.4202, 69.9272,
35.2895


 9.4106, 5.0799,
0.4437


 115.1587, 92.3450,
50.3133

 5.0692, 2.2942,
0.0000

 145.4153,
119.1049, 69.0906

 2.3231, 0.7706,
0.0000

 180.5553,
150.5914, 92.0400

 0.8065, 0.0000,
0.0000

220.9443,

 0.0000, 0.0000,

187.1889, 119.5799

0.0000

266.9474,
229.2817, 152.1290

■ 35.6602, 24.8829,
8.5536

■ 35.6602, 24.8829,
8.5536

■ 33.5875, 21.6420,
5.0754

■ 38.3653, 28.9768,
13.5141

■ 32.0902, 19.1880,
2.9096

■ 41.7494, 33.9750,
20.0988


■ 31.0936, 17.4475,
1.7979


■ 45.8566, 39.9297,
28.4344

■ 31.0076, 17.2967,
1.7043


■ 50.7267, 46.8878,
38.6346

■ 56.3964, 54.8929,
50.8034

 62.8999, 63.9862,
65.0372

 70.2698, 74.2066,
81.4260

 78.5364, 85.5911,
100.0544

 83.9340, 94.2695,
108.3798

Harmonies

Analogous

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



39.9410, 24.8829, 20.2180



35.6602, 24.8829, 8.5536



28.4260, 24.8829, 4.2733

Triad

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



35.6602, 24.8829, 8.5536



12.8559, 24.8829, 16.1695



26.3881, 24.8829, 87.3234

Complementary

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



35.6602, 24.8829, 8.5536



34.4872, 44.2354, 75.8274

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.



19.4421, 24.8829, 84.2661



35.6602, 24.8829, 8.5536



12.5289, 24.8829, 35.3734

Square

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



35.6602, 24.8829, 8.5536



15.7014, 24.8829, 6.8803



14.6944, 24.8829, 62.1834



33.9111, 24.8829, 69.1700

Rectangle

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



35.6602, 24.8829, 8.5536



23.4046, 24.8829, 3.6783



14.6944, 24.8829, 62.1834



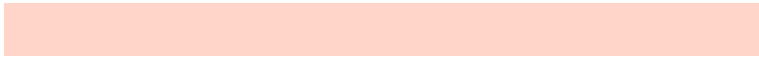
23.8981, 24.8829, 88.9102

Sweetspot

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



35.6608, 24.8843, 8.5540



75.3672, 72.5614, 65.5698



41.9842, 23.6787, 53.3670



15.6604, 14.8666, 13.0202



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.



35.6608, 24.8843, 8.5540



44.9199, 27.9118, 5.3393



46.2475, 46.0577, 12.0829



13.9238, 14.1335, 14.3010



18.4798, 10.3976, 1.0329



1.3434, 0.8456, 0.0924

Inverse Universe

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



34.4872, 44.2354, 75.8274



42.9789, 55.5770, 103.0699



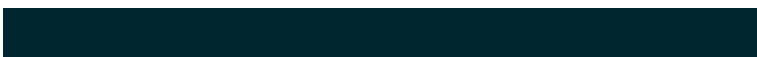
22.0530, 19.3670, 71.6827



13.8762, 15.0916, 17.5693



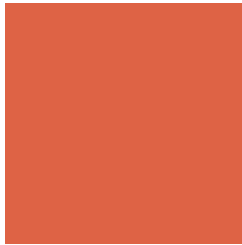
17.4218, 22.3131, 44.4370



1.2666, 1.6648, 3.0998

Previews

White Background



This preview shows how the XYZ color 35.6602, 24.8829, 8.5536 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 35.6602, 24.8829, 8.5536 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 35.6602, 24.8829, 8.5536

Background



This preview shows how black text looks on a background with the XYZ color 35.6602, 24.8829, 8.5536.



This preview shows how white text looks on a background with the XYZ color 35.6602, 24.8829,

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

35.6602, 24.8829, 8.5536

Protanopia

23.0463, 24.9845, 11.5905

Deuteranopia

25.5634, 25.1264, 8.0600



Tritanopia

37.1816, 24.9713, 15.1722

Trichromacy



Original Color

35.6602, 24.8829, 8.5536

Protanomaly

26.3270, 23.9318, 10.2529

Deuteranomaly

28.5372, 24.3941, 8.2055

Tritanomaly

36.4175, 24.7750, 12.3138

Monochromacy



Original Color

35.6602, 24.8829, 8.5536

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

24.9938, 22.5364, 17.5006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6602, 24.8829, 8.5536 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(222, 99, 69)` looks like.

```
.text, #text, p{  
    color:rgb(222, 99, 69)  
}
```

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(222, 99, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 99, 69) }
```

Border

The CSS property to change the border of an element to XYZ 35.6602, 24.8829, 8.5536 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(222, 99, 69) }
```


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

```
.border{ border-color:rgb(222, 99, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 99, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 99, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 99, 69);  
box-shadow:4px 4px 4px 4px rgb(222, 99,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6602, 24.8829, 8.5536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 99, 69) }
```

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

```
.background{ background-color: rgb(222, 99,  
69) }
```

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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