

Converting Colors

XYZ(35.4539, 25.4076, 12.9331)

Have a look what the booklet for
XYZ(35.4539, 25.4076, 12.9331)
contains.

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Color

**XYZ(35.4539, 25.4077,
12.9331)**

Conversions

Conversions Part 1

Format	Color
Hex	D9685B
RGB	217, 104, 91
RGB Percent	85%, 41%, 36%
CMY	0.1490, 0.5921, 0.6431
CMYK	0.00, 0.52, 0.58, 0.15
HSL	6°, 62%, 60%
HSV	6°, 58%, 85%
XYZ	35.4539, 25.4077, 12.9331
YIQ	136.3050, 71.5210, 19.9130

Conversions

Conversions Part 2

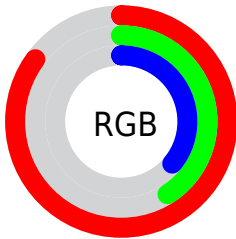
Format	Color
RYB	217, 105, 91
Decimal	14248027
CIELab	57.47, 43.24, 28.36
CIElCh	57, 51.712, 33.259
Yxy	25.4077, 0.4804, 0.3443
Android (android.graphics.Color)	4292438107 (0xFFD9685B)
YUV	136.3050, -22.3354, 70.7695
Hunter-Lab	50.4061, 37.3402, 20.0717

Details

The XYZ color **35.4539, 25.4077, 12.9331** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **38.4300, 50.4164, 73.3511**, and the grayscale version is **23.5794, 24.8073, 27.0152**.

A 20% lighter version of the original color is **58.2746, 47.6368, 31.3227**, and **15.6063, 9.8135, 3.5543** is the 20% darker color. If you saturate the color by 10%, you get **32.9116, 21.6110, 8.1161**, and if you desaturate by 10%, it is **38.7200, 30.2193, 19.3268**.

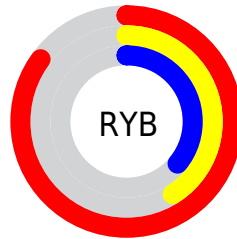
Distribution



Red (85%)

Green (41%)

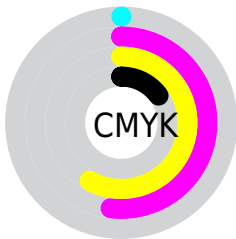
Blue (36%)



Red (85%)

Yellow (41%)

Blue (36%)

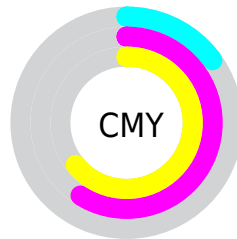


Cyan (0%)

Magenta (52%)

Yellow (58%)

Black (15%)



Cyan (15%)


Magenta (59%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4539, 25.4077, 12.9331 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 35.4539, 25.4077, 12.9331 by changing the saturation by 10% instead.


 35.4539, 25.4077,
12.9331


 35.4539, 25.4077,
12.9331


318.0403,
279.8623, 221.6812

 24.1809, 16.3811,
7.2523


 67.5177, 52.3179,
31.8730

 15.5933, 9.7942,
3.5396


 89.0393, 70.9702,
45.9691

 9.3259, 5.2627,
1.3763


 114.7077, 93.5999,
63.7075

 5.0131, 2.4022,
0.1231

 144.8883,
120.5913, 85.5066

 2.2898, 0.8270,
0.0000

179.9465,
152.3288, 111.7850

 0.7894, 0.0000,
0.0000

220.2477,

 0.0000, 0.0000,

189.1969, 142.9612

0.0000

266.1572,
231.5799, 179.4537

■ 35.4539, 25.4077,
12.9331

■ 35.4539, 25.4077,
12.9331

■ 32.9116, 21.6110,
8.1161

■ 38.7200, 30.2193,
19.3268

■ 31.0357, 18.7524,
4.7372

■ 42.7577, 36.1071,
27.4169

■ 29.7629, 16.7508,
2.6360

■ 47.6130, 43.1326,
37.3132

■ 29.0112, 15.5071,
1.5847

■ 53.3276, 51.3513,
49.1158

■ 28.9097, 15.3408,
1.4374

■ 59.9404, 60.8150,
62.9174

■ 67.4880, 71.5727,
78.8048

■ 76.0047, 83.6706,
96.8595

■ 82.4251, 93.4916,
108.3092

Harmonies

Analogous

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



37.9905, 25.4077, 25.7828



35.4539, 25.4077, 12.9331



29.8730, 25.4077, 7.0978

Triad

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



35.4539, 25.4077, 12.9331



15.0501, 25.4077, 15.0486



24.8281, 25.4077, 77.1502

Complementary

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



35.4539, 25.4077, 12.9331



38.4300, 50.4164, 73.3511

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.



19.2077, 25.4077, 70.2935



35.4539, 25.4077, 12.9331



14.1591, 25.4077, 29.6359

Square

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



35.4539, 25.4077, 12.9331



18.2249, 25.4077, 7.9043



15.5461, 25.4077, 50.7163



31.2356, 25.4077, 66.7674

Rectangle

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



35.4539, 25.4077, 12.9331



25.5647, 25.4077, 5.8154



15.5461, 25.4077, 50.7163



22.7871, 25.4077, 76.7953

Sweetspot

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



35.4545, 25.4091, 12.9335



77.6674, 75.1715, 72.4722



43.3034, 26.6128, 60.2328



16.2395, 15.5382, 14.7136



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.



35.4545, 25.4091, 12.9335



46.6475, 29.9598, 10.2532



44.2490, 42.9981, 15.8651



13.1637, 13.2667, 13.5925



17.5368, 9.3593, 0.8822



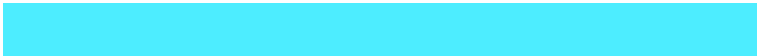
1.1736, 0.6814, 0.0697

Inverse Universe

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



38.4300, 50.4164, 73.3511



51.2314, 69.0992, 105.2450



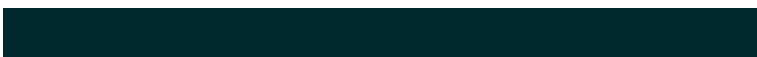
26.4228, 26.4020, 69.3487



13.3241, 14.5879, 16.7656



19.3865, 26.6424, 43.8591



1.2897, 1.7936, 2.8527

Previews

White Background



This preview shows how the XYZ color 35.4539, 25.4077, 12.9331 looks on a white background.

Color Contrast Check

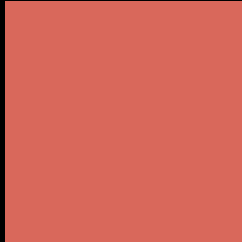
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.4539, 25.4077, 12.9331 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 35.4539, 25.4077, 12.9331

Background



This preview shows how black text looks on a background with the XYZ color 35.4539, 25.4077, 12.9331.



This preview shows how white text looks on a background with the XYZ color 35.4539, 25.4077,

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

35.4539, 25.4077, 12.9331

Protanopia

23.8510, 25.4928, 17.0281

Deuteranopia

25.8673, 25.3899, 12.3415



Tritanopia

36.2739, 25.2955, 17.1580

Trichromacy



Original Color

35.4539, 25.4077, 12.9331

Protanomaly

26.9947, 24.7260, 15.4064

Deuteranomaly

28.7286, 24.9379, 12.5319

Tritanomaly

36.0631, 25.3675, 15.5661

Monochromacy



Original Color

35.4539, 25.4077, 12.9331

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

26.1149, 23.7707, 20.9811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4539, 25.4077, 12.9331 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(217, 104, 91)` looks like.

```
.text, #text, p{  
    color:rgb(217, 104, 91)  
}
```

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(217, 104, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 104, 91) }
```

Border

The CSS property to change the border of an element to XYZ 35.4539, 25.4077, 12.9331 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(217, 104, 91) }
```


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

```
.border{ border-color:rgb(217, 104, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 104, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 104, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 104, 91);  
box-shadow:4px 4px 4px 4px rgb(217, 104,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4539, 25.4077, 12.9331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 104, 91) }
```

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

```
.background{ background-color: rgb(217,  
104, 91) }
```

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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