

Converting Colors

XYZ(35.1551, 24.0906, 11.7577)

Have a look what the booklet for
XYZ(35.1551, 24.0906, 11.7577)
contains.

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Color

**XYZ(35.1166, 24.1139,
11.8204)**

Conversions

Conversions Part 1

Format	Color
Hex	DB6057
RGB	219, 96, 87
RGB Percent	86%, 38%, 34%
CMY	0.1412, 0.6235, 0.6588
CMYK	0.00, 0.56, 0.60, 0.14
HSL	4°, 65%, 60%
HSV	4°, 60%, 86%
XYZ	35.1166, 24.1139, 11.8204
YIQ	131.7510, 76.1970, 23.2770

Conversions

Conversions Part 2

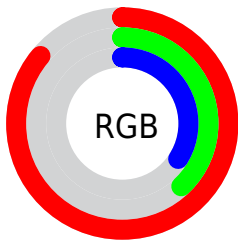
Format	Color
R_{YB}	219, 97, 87
Decimal	14377047
CIE _{Lab}	56.20, 47.57, 29.08
CIE _{LCh}	56, 55.749, 31.438
Yxy	24.1139, 0.4942, 0.3394
Android (android.graphics.Color)	4292567127 (0xFFDB6057)
YUV	131.7510, -22.0622, 76.5174
Hunter-Lab	49.1059, 41.7135, 20.1023

Details

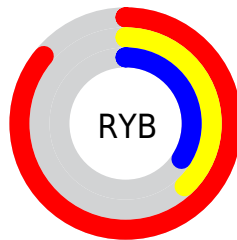
The XYZ color **35.1166, 24.1139, 11.8204** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **39.7616, 53.2305, 75.1964**, and the grayscale version is **21.9010, 23.0415, 25.0922**.

A 20% lighter version of the original color is **56.6617, 44.8788, 29.3430**, and **15.3288, 9.0851, 3.0435** is the 20% darker color. If you saturate the color by 10%, you get **32.7274, 20.5570, 7.2593**, and if you desaturate by 10%, it is **38.2614, 28.7482, 17.9724**.

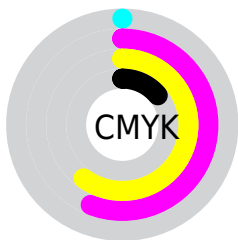
Distribution



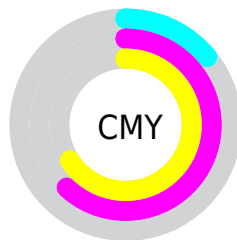
- Red (86%)
- Green (38%)
- Blue (34%)



- Red (86%)
- Yellow (38%)
- Blue (34%)



- Cyan (0%)
- Magenta (56%)
- Yellow (60%)
- Black (14%)





- Cyan (14%)
- Magenta (62%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1166, 24.1139, 11.8204 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 35.1166, 24.1139, 11.8204 by changing the saturation by 10% instead.


 35.1166, 24.1139,
11.8204

 35.1166, 24.1139,
11.8204


316.5817,
273.3958, 214.1482


 23.9196, 15.4181,
6.5005


 66.9992, 50.2160,
29.8271


 15.3984, 9.1134,
3.0780


 88.4155, 68.3911,
43.3509


 9.1876, 4.8152,
1.1346


 113.9691, 90.4948,
60.4464

 4.9219, 2.1392,
0.0000

 144.0251,
116.9115, 81.5321

 2.2358, 0.6866,
0.0000

 178.9490,
148.0256, 107.0266

 0.7615, 0.0000,
0.0000

219.1062,

 0.0000, 0.0000,

184.2214, 137.3484

0.0000

264.8620,
225.8833, 172.9161

■ 35.1166, 24.1139,
11.8204

■ 35.1166, 24.1139,
11.8204

■ 32.7274, 20.5570,
7.2593

■ 38.2614, 28.7482,
17.9724

■ 31.0286, 17.9869,
4.1413

■ 42.2164, 34.5331,
25.8425

■ 29.9464, 16.3050,
2.2930

■ 47.0333, 41.5400,
35.5466

■ 29.3833, 15.4000,
1.4238

■ 52.7589, 49.8333,
47.1902

■ 59.4365, 59.4729,
60.8706

■ 67.1067, 70.5150,
76.6787

■ 75.8079, 83.0127,
94.6999

■ 83.0233, 93.8000,
108.3372

Harmonies

Analogous

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



37.5694, 24.1139, 25.3809



35.1166, 24.1139, 11.8204



29.3273, 24.1139, 5.8624

Triad

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



35.1166, 24.1139, 11.8204



13.7143, 24.1139, 12.7438



23.2299, 24.1139, 79.6636

Complementary

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



35.1166, 24.1139, 11.8204



39.7616, 53.2305, 75.1964

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.



17.5205, 24.1139, 71.0220



35.1166, 24.1139, 11.8204



12.6798, 24.1139, 27.1508

Square

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



35.1166, 24.1139, 11.8204



17.0769, 24.1139, 6.1942



13.9349, 24.1139, 49.2864



29.9626, 24.1139, 69.3178

Rectangle

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



35.1166, 24.1139, 11.8204



24.8027, 24.1139, 4.5410



13.9349, 24.1139, 49.2864



21.1342, 24.1139, 78.8655

Sweetspot

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



35.1172, 24.1152, 11.8208



76.3625, 73.0714, 70.4660



44.2793, 26.5396, 63.8922



15.7899, 14.8382, 13.9493



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.



35.1172, 24.1152, 11.8208



45.5549, 28.0495, 9.0418



43.8188, 41.5184, 14.7214



13.1270, 13.1934, 13.5803



17.4516, 9.1888, 0.8538



1.1562, 0.6465, 0.0638

Inverse Universe

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



39.7616, 53.2305, 75.1964



52.5710, 72.3608, 105.8040



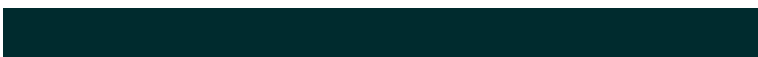
26.7203, 27.1480, 70.8494



13.3649, 14.6695, 16.7792



20.4261, 28.7216, 44.2057



1.3466, 1.9074, 2.8716

Previews

White Background



This preview shows how the XYZ color 35.1166, 24.1139, 11.8204 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 35.1166, 24.1139, 11.8204 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 35.1166, 24.1139, 11.8204

Background



This preview shows how black text looks on a background with the XYZ color 35.1166, 24.1139, 11.8204.



This preview shows how white text looks on a background with the XYZ color 35.1166, 24.1139,

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

35.1166, 24.1139, 11.8204

Protanopia

22.7892, 24.3270, 16.3264

Deuteranopia

24.6453, 24.1871, 11.1542



Tritanopia

35.8182, 24.1412, 14.8285

Trichromacy



Original Color

35.1166, 24.1139, 11.8204

Protanomaly

26.0083, 23.3085, 14.4375

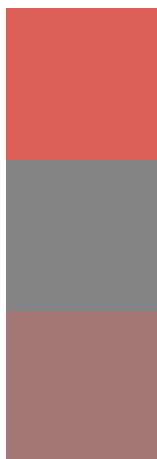
Deuteranomaly

27.6898, 23.5375, 11.2674

Tritanomaly

35.6730, 24.2263, 13.6224

Monochromacy



Original Color

35.1166, 24.1139, 11.8204

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

25.0591, 22.3471, 19.5157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1166, 24.1139, 11.8204 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(219, 96, 87)` looks like.

```
.text, #text, p{  
    color:rgb(219, 96, 87)  
}
```

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(219, 96, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 96, 87) }
```

Border

The CSS property to change the border of an element to XYZ 35.1166, 24.1139, 11.8204 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(219, 96, 87) }
```


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

```
.border{ border-color:rgb(219, 96, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 96, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 96, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 96, 87);  
box-shadow:4px 4px 4px 4px rgb(219, 96,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1166, 24.1139, 11.8204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 96, 87) }
```

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

```
.background{ background-color: rgb(219, 96,  
87) }
```

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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