

Converting Colors

XYZ(35.0118, 24.4784, 8.9611)

Have a look what the booklet for
XYZ(35.0118, 24.4784, 8.9611)
contains.

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Color

**XYZ(35.1467, 24.6072,
9.0281)**

Conversions

Conversions Part 1

Format	Color
Hex	DC6348
RGB	220, 99, 72
RGB Percent	86%, 39%, 28%
CMY	0.1373, 0.6117, 0.7176
CMYK	0.00, 0.55, 0.67, 0.14
HSL	11°, 68%, 57%
HSV	11°, 67%, 86%
XYZ	35.1467, 24.6072, 9.0281
YIQ	132.1010, 80.7830, 17.2550

Conversions

Conversions Part 2

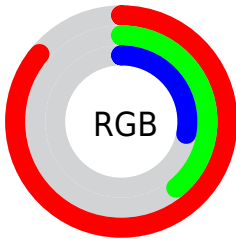
Format	Color
R_{YB}	220, 105, 72
Decimal	14443336
CIE Lab	56.69, 45.56, 38.12
CIE LCh	57, 59.402, 39.917
Yxy	24.6072, 0.5110, 0.3578
Android (android.graphics.Color)	4292633416 (0xFFDC6348)
YUV	132.1010, -29.6298, 77.0874
Hunter-Lab	49.6056, 39.6613, 23.9333

Details

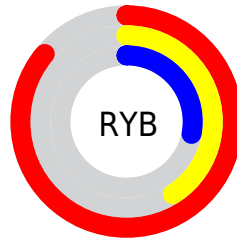
The XYZ color **35.1467, 24.6072, 9.0281** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **34.6590, 44.6817, 74.5073**, and the grayscale version is **22.0526, 23.2010, 25.2659**.

A 20% lighter version of the original color is **56.0824, 45.4229, 23.9008**, and **15.4615, 9.3995, 1.9767** is the 20% darker color. If you saturate the color by 10%, you get **33.0348, 21.3340, 5.3945**, and if you desaturate by 10%, it is **37.8959, 28.7447, 14.1408**.

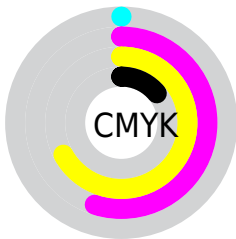
Distribution



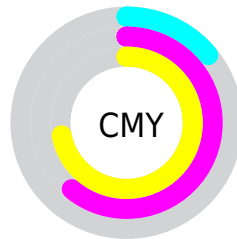
- Red (86%)
- Green (39%)
- Blue (28%)



- Red (86%)
- Yellow (41%)
- Blue (28%)



- Cyan (0%)
- Magenta (55%)
- Yellow (67%)
- Black (14%)





- Cyan (14%)
- Magenta (61%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1467, 24.6072, 9.0281 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 35.1467, 24.6072, 9.0281 by changing the saturation by 10% instead.


 35.1467, 24.6072,
9.0281

 35.1467, 24.6072,
9.0281


316.7121,
275.8761, 193.8132


 23.9429, 15.7846,
4.6625


 67.0455, 51.0193,
24.5292


 15.4158, 9.3719,
1.9954


 88.4712, 69.3776,
36.5018

 9.1999, 4.9845,
0.5524


 114.0350, 91.6833,
51.8471

 4.9300, 2.2382,
0.0000

 144.1022,
118.3207, 70.9836

 2.2406, 0.7407,
0.0000

 179.0382,
149.6743, 94.3300

 0.7640, 0.0000,
0.0000

219.2082,

 0.0000, 0.0000,

186.1285, 122.3046

0.0000

264.9777,
228.0676, 155.3262

■ 35.1467, 24.6072,
9.0281

■ 35.1467, 24.6072,
9.0281

■ 33.0348, 21.3340,
5.3945

■ 37.8959, 28.7447,
14.1408

■ 31.5041, 18.8585,
3.0783

■ 41.3284, 33.7984,
20.8688

■ 30.4882, 17.1094,
1.8679

■ 45.4878, 39.8212,
29.3338

■ 30.2787, 16.7429,
1.6358

■ 50.4135, 46.8602,
39.6459

■ 56.1421, 54.9600,
51.9056

■ 62.7076, 64.1621,
66.2065

■ 70.1421, 74.5058,
82.6360

■ 78.4762, 86.0287,
101.2763

■ 83.3250, 93.9555,
108.3513

Harmonies

Analogous

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



39.0918, 24.6072, 20.7530



35.1467, 24.6072, 9.0281



28.2602, 24.6072, 4.5766

Triad

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



35.1467, 24.6072, 9.0281



12.9873, 24.6072, 15.7246



25.7549, 24.6072, 84.5700

Complementary

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



35.1467, 24.6072, 9.0281



34.6590, 44.6817, 74.5073

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.



19.1114, 24.6072, 80.8655



35.1467, 24.6072, 9.0281



12.5795, 24.6072, 33.9042

Square

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



35.1467, 24.6072, 9.0281



15.8488, 24.6072, 6.9081



14.5973, 24.6072, 59.4279



33.0048, 24.6072, 67.9225

Rectangle

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



35.1467, 24.6072, 9.0281



23.4078, 24.6072, 3.8998



14.5973, 24.6072, 59.4279



23.3691, 24.6072, 85.8006

Sweetspot

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



35.1473, 24.6086, 9.0285



76.0105, 73.3625, 67.2809



41.7204, 23.8056, 54.2233



15.7791, 15.0099, 13.3504



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.



35.1473, 24.6086, 9.0285



45.1219, 28.1553, 5.9016



45.1847, 44.6834, 12.3743



13.2473, 13.4339, 13.6204



17.8291, 9.9438, 0.9796



1.2131, 0.7603, 0.0828

Inverse Universe

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



34.6590, 44.6817, 74.5073



44.1828, 57.6444, 103.4056



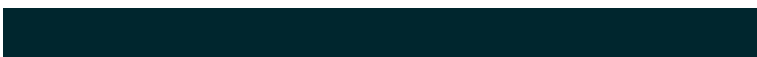
22.4687, 20.3010, 70.4439



13.2323, 14.4044, 16.7350



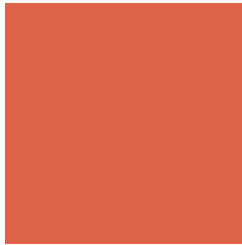
17.2186, 22.3067, 43.1365



1.1692, 1.5525, 2.8125

Previews

White Background



This preview shows how the XYZ color 35.1467, 24.6072, 9.0281 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 35.1467, 24.6072, 9.0281 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 35.1467, 24.6072, 9.0281

Background



This preview shows how black text looks on a background with the XYZ color 35.1467, 24.6072, 9.0281.



This preview shows how white text looks on a background with the XYZ color 35.1467, 24.6072,

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

35.1467, 24.6072, 9.0281

Protanopia

22.9798, 24.9368, 12.1964

Deuteranopia

25.1144, 24.6834, 8.5950



Tritanopia

36.2600, 24.4962, 15.1290

Trichromacy



Original Color

35.1467, 24.6072, 9.0281

Protanomaly

26.2101, 23.8591, 10.8133

Deuteranomaly

28.1337, 24.1758, 8.6524

Tritanomaly

35.8471, 24.4761, 12.5079

Monochromacy



Original Color

35.1467, 24.6072, 9.0281

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

24.8408, 22.4512, 17.7761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1467, 24.6072, 9.0281 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(220, 99, 72)` looks like.

```
.text, #text, p{  
    color:rgb(220, 99, 72)  
}
```

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(220, 99, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 99, 72) }
```

Border

The CSS property to change the border of an element to XYZ 35.1467, 24.6072, 9.0281 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(220, 99, 72) }
```


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

```
.border{ border-color:rgb(220, 99, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 99, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 99, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 99, 72);  
box-shadow:4px 4px 4px 4px rgb(220, 99,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1467, 24.6072, 9.0281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 99, 72) }
```

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

```
.background{ background-color: rgb(220, 99,  
72) }
```

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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