

Converting Colors

XYZ(36.5768, 25.9608, 14.1495)

Have a look what the booklet for
XYZ(36.5768, 25.9608, 14.1495)
contains.

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Color

**XYZ(36.5768, 25.9608,
14.1495)**

Conversions

Conversions Part 1

Format	Color
Hex	DC6860
RGB	220, 104, 96
RGB Percent	86%, 41%, 38%
CMY	0.1373, 0.5921, 0.6235
CMYK	0.00, 0.53, 0.56, 0.14
HSL	4°, 64%, 62%
HSV	4°, 56%, 86%
XYZ	36.5768, 25.9608, 14.1495
YIQ	137.7720, 71.7040, 22.1040

Conversions

Conversions Part 2

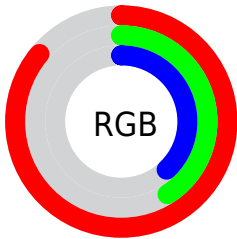
Format	Color
R_{YB}	220, 105, 96
Decimal	14444640
CIE Lab	58.00, 44.72, 26.28
CIE LCh	58, 51.872, 30.443
Yxy	25.9608, 0.4770, 0.3385
Android (android.graphics.Color)	4292634720 (0xFFDC6860)
YUV	137.7720, -20.5936, 72.1140
Hunter-Lab	50.9517, 38.9745, 19.2012

Details

The XYZ color **36.5768, 25.9608, 14.1495** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **41.2840, 54.7377, 76.0993**, and the grayscale version is **24.1283, 25.3848, 27.6441**.

A 20% lighter version of the original color is **58.7333, 47.8203, 33.7384**, and **16.2568, 10.0715, 4.1048** is the 20% darker color. If you saturate the color by 10%, you get **33.8772, 21.9622, 8.9324**, and if you desaturate by 10%, it is **40.0665, 31.0864, 21.0284**.

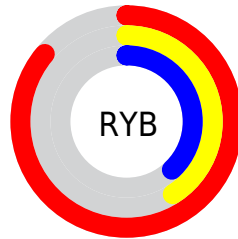
Distribution



Red (86%)

Green (41%)

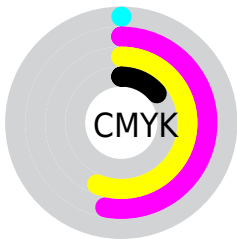
Blue (38%)



Red (86%)

Yellow (41%)

Blue (38%)

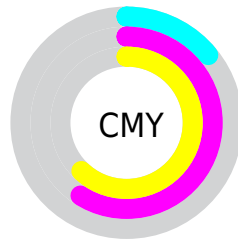


Cyan (0%)

Magenta (53%)

Yellow (56%)

Black (14%)



Cyan (14%)

Magenta (59%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5768, 25.9608, 14.1495 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 36.5768, 25.9608, 14.1495 by changing the saturation by 10% instead.


 36.5768, 25.9608,
14.1495


 36.5768, 25.9608,
14.1495


322.8621,
282.5896, 229.6196


 25.0522, 16.7943,
8.0848


 69.2395, 53.2117,
34.0750

 16.2449, 10.0880,
4.0607


 91.1082, 72.0649,
48.7729

 9.7895, 5.4573,
1.6587


 117.1558, 94.9158,
67.1855

 5.3208, 2.5180,
0.3322

 147.7474,
122.1488, 89.7315

 2.4734, 0.8856,
0.0000

183.2485,
154.1483, 116.8294

 0.8819, 0.0000,
0.0000

224.0244,

 0.0000, 0.0000,

191.2987, 148.8976

0.0000

270.4405,
233.9843, 186.3549

■ 36.5768, 25.9608,
14.1495

■ 36.5768, 25.9608,
14.1495

■ 33.8772, 21.9622,
8.9324

■ 40.0665, 31.0864,
21.0284

■ 31.9040, 19.0017,
5.2351

■ 44.3995, 37.4107,
29.6922

■ 30.5869, 16.9844,
2.8946

■ 49.6267, 45.0043,
40.2539

■ 29.8399, 15.7951,
1.7058

■ 55.7943, 53.9313,
52.8170

■ 29.6748, 15.5352,
1.4345

■ 62.9454, 64.2513,
67.4772

■ 71.1204, 76.0204,
84.3243

■ 80.3574, 89.2916,
103.4427

■ 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.



38.7767, 25.9608, 28.0011



36.5768, 25.9608, 14.1495



31.1025, 25.9608, 7.6325

Triad

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



36.5768, 25.9608, 14.1495



15.6147, 25.9608, 14.4426



24.7682, 25.9608, 78.6587

Complementary

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



36.5768, 25.9608, 14.1495



41.2840, 54.7377, 76.0993

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.



19.2002, 25.9608, 70.1139



36.5768, 25.9608, 14.1495



14.4885, 25.9608, 28.5343

Square

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



36.5768, 25.9608, 14.1495



19.0641, 25.9608, 7.7444



15.6834, 25.9608, 49.5814



31.2910, 25.9608, 69.6265

Rectangle

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



36.5768, 25.9608, 14.1495



26.7281, 25.9608, 6.0775



15.6834, 25.9608, 49.5814



22.7297, 25.9608, 77.7178

Sweetspot

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



36.5774, 25.9622, 14.1500



77.2399, 74.3165, 72.3297



45.8100, 28.4263, 66.5565



16.1401, 15.3394, 14.6805



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.



36.5774, 25.9622, 14.1500



46.6443, 29.6560, 11.1688



44.9377, 42.6827, 16.9367



13.1232, 13.1858, 13.5790



17.4441, 9.1738, 0.8513



1.1544, 0.6429, 0.0632

Inverse Universe

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



41.2840, 54.7377, 76.0993



53.7868, 73.5795, 105.9751



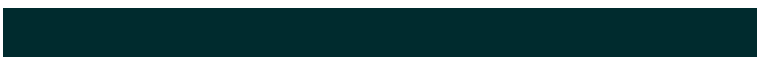
28.9380, 30.0458, 71.9839



13.3691, 14.6780, 16.7807



20.5379, 28.9453, 44.2429



1.3527, 1.9196, 2.8737

Previews

White Background



This preview shows how the XYZ color 36.5768, 25.9608, 14.1495 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 36.5768, 25.9608, 14.1495 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 36.5768, 25.9608, 14.1495

Background



This preview shows how black text looks on a background with the XYZ color 36.5768, 25.9608, 14.1495.



This preview shows how white text looks on a background with the XYZ color 36.5768, 25.9608,

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

36.5768, 25.9608, 14.1495

Protanopia

24.6418, 26.2934, 18.8153

Deuteranopia

26.5619, 26.1304, 13.5412



Tritanopia

37.3305, 25.9790, 17.5149

Trichromacy



Original Color

36.5768, 25.9608, 14.1495

Protanomaly

27.8701, 25.3333, 17.0566

Deuteranomaly

29.5523, 25.5210, 13.7244

Tritanomaly

37.1677, 26.0721, 16.1702

Monochromacy



Original Color

36.5768, 25.9608, 14.1495

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

27.1845, 24.6766, 22.0692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5768, 25.9608, 14.1495 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, 104, 96)` looks like.

```
.text, #text, p{  
    color:rgb(220, 104, 96)  
}
```

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, 104, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 104, 96) }
```

Border

The CSS property to change the border of an element to XYZ 36.5768, 25.9608, 14.1495 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, 104, 96) }
```


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

```
.border{ border-color:rgb(220, 104, 96) }
```

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

Here you see how a box with a 4 pixel rgb(220, 104, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 104, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 104, 96);  
box-shadow:4px 4px 4px 4px rgb(220, 104,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5768, 25.9608, 14.1495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 104, 96) }
```

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

```
.background{ background-color: rgb(220,  
104, 96) }
```

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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