

Converting Colors

XYZ(35.4923, 25.1435, 10.1123)

Have a look what the booklet for
XYZ(35.4923, 25.1435, 10.1123)
contains.

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Color

**XYZ(35.6417, 25.2684,
10.2065)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DC664E |
| RGB | 220, 102, 78 |
| RGB Percent | 86%, 40%, 31% |
| CMY | 0.1373, 0.6000, 0.6941 |
| CMYK | 0.00, 0.54, 0.65, 0.14 |
| HSL | 10°, 67%, 58% |
| HSV | 10°, 65%, 86% |
| XYZ | 35.6417, 25.2684, 10.2065 |
| YIQ | 134.5460, 78.0320, 17.5520 |

Conversions

Conversions Part 2

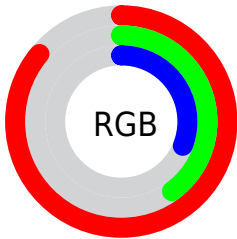
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 220, 107, 78 |
| Decimal | 14444110 |
| CIE _{Lab} | 57.34, 44.46, 35.59 |
| CIE _{LCh} | 57, 56.947, 38.679 |
| Yxy | 25.2684, 0.5012, 0.3553 |
| Android (android.graphics.Color) | 4292634190 (0xFFDC664E) |
| YUV | 134.5460, -27.8772, 74.9432 |
| Hunter-Lab | 50.2677, 38.5948, 23.1490 |

Details

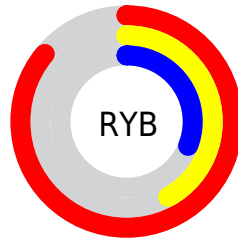
The XYZ color **35.6417, 25.2684, 10.2065** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **35.7986, 46.2639, 74.7528**, and the grayscale version is **22.9415, 24.1362, 26.2843**.

A 20% lighter version of the original color is **57.0247, 46.5954, 26.4104**, and **15.6571, 9.6718, 2.4081** is the 20% darker color. If you saturate the color by 10%, you get **33.3780, 21.7994, 6.1900**, and if you desaturate by 10%, it is **38.5665, 29.6380, 15.7449**.

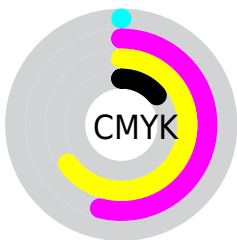
Distribution



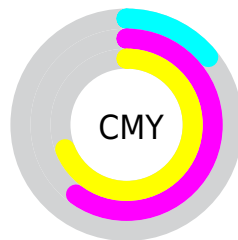
- Red (86%)
- Green (40%)
- Blue (31%)



- Red (86%)
- Yellow (42%)
- Blue (31%)



- Cyan (0%)
- Magenta (54%)
- Yellow (65%)
- Black (14%)



- Cyan (14%)
- Magenta (60%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6417, 25.2684, 10.2065 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 35.6417, 25.2684, 10.2065 by changing the saturation by 10% instead.


 35.6417, 25.2684,
10.2065


 35.6417, 25.2684,
10.2065


318.8504,
279.1720, 202.6777


 24.3264, 16.2771,
5.4287


 67.8062, 52.0923,
26.7971

 15.7020, 9.7205,
2.4378


 89.3861, 70.6937,
39.4469

 9.4030, 5.2140,
0.8069


 115.1183, 93.2674,
55.5578

 5.0642, 2.3734,
0.0000

 145.3680,
120.1976, 75.5484

 2.3201, 0.8121,
0.0000

 180.5008,
151.8687, 99.8371

 0.8049, 0.0000,
0.0000

220.8819,

 0.0000, 0.0000,

188.6652, 128.8425

0.0000

266.8766,
230.9715, 162.9832

■ 35.6417, 25.2684,
10.2065

■ 35.6417, 25.2684,
10.2065

■ 33.3780, 21.7994,
6.1900

■ 38.5665, 29.6380,
15.7449

■ 31.7198, 19.1630,
3.5405

■ 42.1982, 34.9612,
22.9368

■ 30.6045, 17.2884,
2.0718

■ 46.5806, 41.2921,
31.9010

■ 30.1826, 16.5507,
1.6038

■ 51.7533, 48.6793,
42.7452

■ 57.7531, 57.1681,
55.5681

■ 64.6143, 66.8014,
70.4617

■ 72.3696, 77.6197,
87.5123

■ 81.0496, 89.6615,
106.8011

■ 83.3250, 93.9556,
108.3513

Harmonies

Analogous

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



39.2690, 25.2684, 22.2761



35.6417, 25.2684, 10.2065



29.0522, 25.2684, 5.3805

Triad

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



35.6417, 25.2684, 10.2065



13.8409, 25.2684, 16.0894



26.0293, 25.2684, 83.0503

Complementary

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



35.6417, 25.2684, 10.2065



35.7986, 46.2639, 74.7528

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.



19.5998, 25.2684, 78.7035



35.6417, 25.2684, 10.2065



13.3349, 25.2684, 33.5124

Square

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



35.6417, 25.2684, 10.2065



16.7839, 25.2684, 7.5004



15.2422, 25.2684, 57.8976



33.0764, 25.2684, 67.9321

Rectangle

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



35.6417, 25.2684, 10.2065



24.3173, 25.2684, 4.5710



15.2422, 25.2684, 57.8976



23.7189, 25.2684, 83.9218

Sweetspot

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



35.6423, 25.2698, 10.2069



76.6820, 74.2120, 69.0262



42.2413, 24.6652, 54.9580



15.9034, 15.1626, 13.6871



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.



35.6423, 25.2698, 10.2069



45.8341, 29.1995, 7.3106



45.7699, 45.5251, 13.5828



13.2331, 13.4055, 13.6156



17.7693, 9.8241, 0.9597



1.2064, 0.7470, 0.0806

Inverse Universe

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



35.7986, 46.2639, 74.7528



45.9026, 60.2784, 103.8233



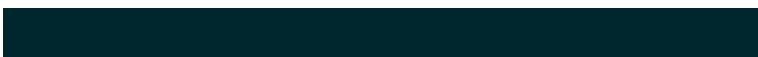
23.4361, 21.5389, 70.6320



13.2478, 14.4353, 16.7402



17.5678, 23.0050, 43.2529



1.1888, 1.5917, 2.8190

Previews

White Background



This preview shows how the XYZ color 35.6417, 25.2684, 10.2065 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 35.6417, 25.2684, 10.2065 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 35.6417, 25.2684, 10.2065

Background



This preview shows how black text looks on a background with the XYZ color 35.6417, 25.2684, 10.2065.



This preview shows how white text looks on a background with the XYZ color 35.6417, 25.2684,

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

35.6417, 25.2684, 10.2065

Protanopia

23.5545, 25.4163, 13.5619

Deuteranopia

25.7831, 25.4054, 9.6757



Tritanopia

36.7363, 25.1274, 16.2785

Trichromacy



Original Color

35.6417, 25.2684, 10.2065

Protanomaly

26.6925, 24.4531, 12.1172

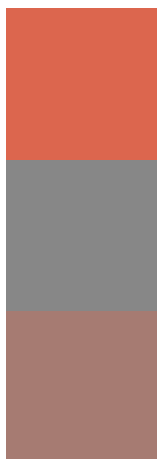
Deuteranomaly

28.8124, 24.8605, 9.7585

Tritanomaly

36.3462, 25.1221, 13.7599

Monochromacy



Original Color

35.6417, 25.2684, 10.2065

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

25.8461, 23.4878, 19.0910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6417, 25.2684, 10.2065 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, 102, 78)` looks like.

```
.text, #text, p{  
    color:rgb(220, 102, 78)  
}
```

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, 102, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 102, 78) }
```

Border

The CSS property to change the border of an element to XYZ 35.6417, 25.2684, 10.2065 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, 102, 78) }
```


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

```
.border{ border-color:rgb(220, 102, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 102, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 102, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 102, 78);  
box-shadow:4px 4px 4px 4px rgb(220, 102,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6417, 25.2684, 10.2065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 102, 78) }
```

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

```
.background{ background-color: rgb(220,  
102, 78) }
```

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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