

Converting Colors

XYZ(35.1297, 25.9074, 13.2986)

Have a look what the booklet for
XYZ(35.1297, 25.9074, 13.2986)
contains.

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Color

**XYZ(35.0259, 25.7940,
13.2579)**

Conversions

Conversions Part 1

Format	Color
Hex	D66C5C
RGB	214, 108, 92
RGB Percent	84%, 42%, 36%
CMY	0.1608, 0.5764, 0.6392
CMYK	0.00, 0.50, 0.57, 0.16
HSL	8°, 60%, 60%
HSV	8°, 57%, 84%
XYZ	35.0259, 25.7940, 13.2579
YIQ	137.8700, 68.3120, 17.4960

Conversions

Conversions Part 2

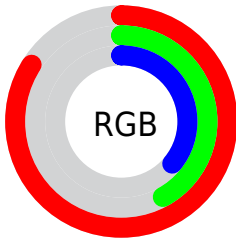
Format	Color
R_{YB}	214, 110, 92
Decimal	14052444
CIE _{Lab}	57.84, 40.19, 28.18
CIE _{LCh}	58, 49.087, 35.039
Yxy	25.7940, 0.4728, 0.3482
Android (android.graphics.Color)	4292242524 (0xFFD66C5C)
YUV	137.8700, -22.6139, 66.7660
Hunter-Lab	50.7878, 34.2242, 20.0741

Details

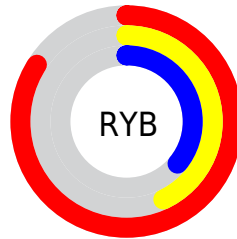
The XYZ color **35.0259, 25.7940, 13.2579** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **36.7439, 47.5157, 70.8529**, and the grayscale version is **24.1739, 25.4329, 27.6964**.

A 20% lighter version of the original color is **58.8674, 48.7027, 31.8891**, and **15.2827, 9.9935, 3.7082** is the 20% darker color. If you saturate the color by 10%, you get **32.4630, 21.9598, 8.4220**, and if you desaturate by 10%, it is **38.2724, 30.5728, 19.6254**.

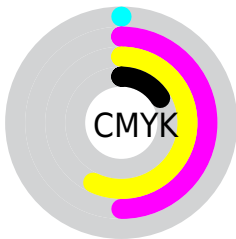
Distribution



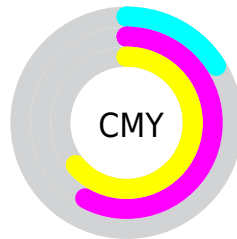
- Red (84%)
- Green (42%)
- Blue (36%)



- Red (84%)
- Yellow (43%)
- Blue (36%)



- Cyan (0%)
- Magenta (50%)
- Yellow (57%)
- Black (16%)





- Cyan (16%)
- Magenta (58%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0259, 25.7940, 13.2579 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 35.0259, 25.7940, 13.2579 by changing the saturation by 10% instead.


 35.0259, 25.7940,
13.2579


 35.0259, 25.7940,
13.2579


316.1887,
281.7694, 223.8295

 23.8494, 16.6696,
7.4736

 66.8596, 52.9424,
32.4643

 15.3461, 9.9992,
3.6771


 88.2476, 71.7352,
46.7234

 9.1505, 5.3984,
1.4499


 113.7702, 94.5197,
64.6446

 4.8974, 2.4829,
0.1802

 143.7926,
121.6800, 86.6463

 2.2213, 0.8680,
0.0000

178.6804,
153.6008, 113.1471

 0.7539, 0.0000,
0.0000

218.7987,

 0.0000, 0.0000,

190.6664, 144.5656

0.0000

264.5130,
233.2611, 181.3202

■ 35.0259, 25.7940,
13.2579

■ 35.0259, 25.7940,
13.2579

■ 32.4630, 21.9598,
8.4220

■ 38.2724, 30.5728,
19.6254

■ 30.5320, 19.0034,
4.9868

■ 42.2453, 36.3491,
27.6378

■ 29.1769, 16.8555,
2.8018

■ 46.9860, 43.1768,
37.3993

■ 28.3282, 15.4335,
1.6697

■ 52.5324, 51.1046,
49.0051

■ 28.1485, 15.1302,
1.4368

■ 58.9197, 60.1783,
62.5435

■ 66.1810, 70.4409,
78.0971

■ 74.3477, 81.9333,
95.7438

■ 81.5414, 93.0361,
108.2678

Harmonies

Analogous

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



37.6406, 25.7940, 25.3272



35.0259, 25.7940, 13.2579



29.6215, 25.7940, 7.7288

Triad

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



35.0259, 25.7940, 13.2579



15.6035, 25.7940, 16.4858



25.5264, 25.7940, 74.4660

Complementary

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



35.0259, 25.7940, 13.2579



36.7439, 47.5157, 70.8529

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.



20.0344, 25.7940, 69.0317



35.0259, 25.7940, 13.2579



14.8641, 25.7940, 31.0366

Square

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



35.0259, 25.7940, 13.2579



18.5635, 25.7940, 9.0001



16.3525, 25.7940, 51.1704



31.6227, 25.7940, 63.9638

Rectangle

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



35.0259, 25.7940, 13.2579



25.5104, 25.7940, 6.5609



16.3525, 25.7940, 51.1704



23.5486, 25.7940, 74.4735

Sweetspot

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



35.0265, 25.7954, 13.2584



77.9795, 75.7956, 72.5762



41.9567, 26.1098, 57.3289



16.3122, 15.6835, 14.7378



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.



35.0265, 25.7954, 13.2584



47.7334, 31.8343, 11.5319



43.5248, 42.7919, 16.0911



12.5533, 12.6808, 12.9467



17.0568, 9.2309, 0.8827



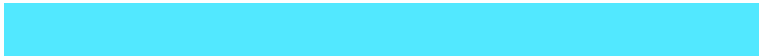
1.0727, 0.6447, 0.0679

Inverse Universe

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



36.7439, 47.5157, 70.8529



50.4222, 66.8503, 104.8536



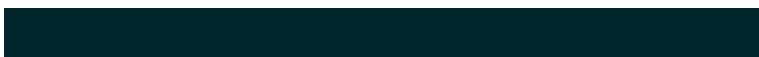
25.7502, 25.5283, 67.1883



12.6468, 13.8169, 15.9379



17.9947, 24.2511, 42.1857



1.1249, 1.5417, 2.5576

Previews

White Background



This preview shows how the XYZ color 35.0259, 25.7940, 13.2579 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 35.0259, 25.7940, 13.2579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

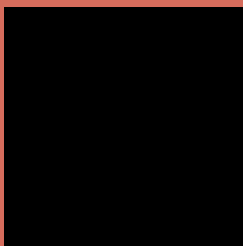
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0259, 25.7940, 13.2579

Background



This preview shows how black text looks on a background with the XYZ color 35.0259, 25.7940, 13.2579.



This preview shows how white text looks on a background with the XYZ color 35.0259, 25.7940,

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

35.0259, 25.7940, 13.2579

Protanopia

24.1768, 25.8747, 17.0847

Deuteranopia

26.2563, 25.7880, 12.6106



Tritanopia

36.0005, 25.7201, 18.3963

Trichromacy



Original Color

35.0259, 25.7940, 13.2579

Protanomaly

27.2530, 25.2427, 15.4925

Deuteranomaly

29.0184, 25.4509, 12.8343

Tritanomaly

35.7282, 25.7751, 16.4566

Monochromacy



Original Color

35.0259, 25.7940, 13.2579

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.7664, 24.6662, 21.4395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0259, 25.7940, 13.2579 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(214, 108, 92)` looks like.

```
.text, #text, p{  
    color:rgb(214, 108, 92)  
}
```

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(214, 108, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 108, 92) }
```

Border

The CSS property to change the border of an element to XYZ 35.0259, 25.7940, 13.2579 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(214, 108, 92) }
```


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

```
.border{ border-color:rgb(214, 108, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 108, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 108, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 108, 92);  
box-shadow:4px 4px 4px 4px rgb(214, 108,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0259, 25.7940, 13.2579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 108, 92) }
```

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

```
.background{ background-color: rgb(214,  
108, 92) }
```

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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