

Converting Colors

XYZ(35.2350, 26.9326, 18.0950)

Have a look what the booklet for
XYZ(35.2350, 26.9326, 18.0950)
contains.

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Color

**XYZ(35.2397, 26.9426,
18.0950)**

Conversions

Conversions Part 1

Format	Color
Hex	D1736E
RGB	209, 115, 110
RGB Percent	82%, 45%, 43%
CMY	0.1804, 0.5490, 0.5686
CMYK	0.00, 0.45, 0.47, 0.18
HSL	3°, 52%, 63%
HSV	3°, 47%, 82%
XYZ	35.2397, 26.9426, 18.0950
YIQ	142.5360, 57.6290, 18.3730

Conversions

Conversions Part 2

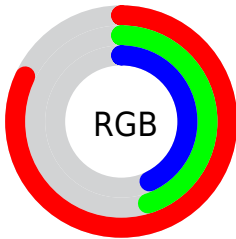
Format	Color
R _Y B	209, 115, 110
Decimal	13726574
CIE Lab	58.92, 36.26, 19.22
CIE LCh	59, 41.039, 27.919
Yxy	26.9426, 0.4390, 0.3356
Android (android.graphics.Color)	4291916654 (0xFFD1736E)
YUV	142.5360, -16.0402, 58.2889
Hunter-Lab	51.9063, 30.3495, 15.6653

Details

The XYZ color **35.2397, 26.9426, 18.0950** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.5307, 51.1016, 68.1015**, and the grayscale version is **25.9701, 27.3226, 29.7543**.

A 20% lighter version of the original color is **61.7642, 51.8739, 40.9398**, and **15.4654, 10.5939, 5.7871** is the 20% darker color. If you saturate the color by 10%, you get **32.2087, 22.4920, 12.1173**, and if you desaturate by 10%, it is **39.0274, 32.4773, 25.6494**.

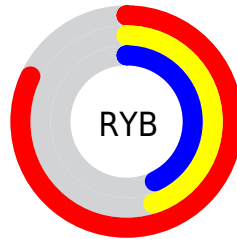
Distribution



Red (82%)

Green (45%)

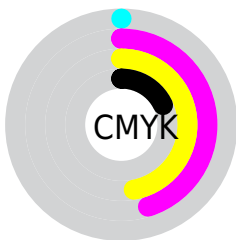
Blue (43%)



Red (82%)

Yellow (45%)

Blue (43%)

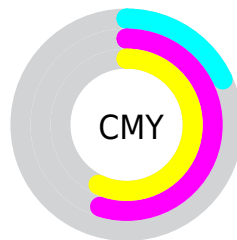


Cyan (0%)

Magenta (45%)

Yellow (47%)

Black (18%)



Cyan (18%)

Magenta (55%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2397, 26.9426, 18.0950 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 35.2397, 26.9426, 18.0950 by changing the saturation by 10% instead.


 35.2397, 26.9426,
18.0950


 35.2397, 26.9426,
18.0950


317.1146,
287.3791, 253.6600


 24.0150, 17.5301,
10.8481


 67.1885, 54.7917,
41.0153


 15.4695, 10.6132,
5.8519


 88.6433, 73.9972,
57.5257

 9.2380, 5.8074,
2.6879

 114.2388, 97.2358,
77.9610

 4.9551, 2.7283,
0.9373

 144.3404,
124.8918, 102.7397

 2.2554, 0.9916,
0.0000

179.3134,
157.3498, 132.2805

 0.7717, 0.0000,
0.0000

219.5232,

 0.0000, 0.0000,

194.9941, 167.0018

0.0000

265.3352,
238.2090, 207.3221

■ 35.2397, 26.9426,
18.0950

■ 35.2397, 26.9426,
18.0950

■ 32.2087, 22.4920,
12.1173

■ 39.0274, 32.4773,
25.6494

■ 29.8818, 19.0507,
7.6033

■ 43.6159, 39.1563,
34.8795

■ 28.2025, 16.5408,
4.4275


■ 49.0482, 47.0405,
45.8782


■ 27.1052, 14.8713,
2.4428


■ 55.3636, 56.1851,
58.7311


■ 26.5067, 13.9317,
1.4500

■ 62.5991, 66.6419,
73.5181

 26.4092, 13.7848,
1.2688

 70.7894, 78.4599,
90.3145

 79.7574, 91.6014,
108.0849

 80.1044, 92.2953,
108.2006

Harmonies

Analogous

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



36.6562, 26.9426, 30.3628



35.2397, 26.9426, 18.0950



31.1512, 26.9426, 11.4502

Triad

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



35.2397, 26.9426, 18.0950



18.1947, 26.9426, 16.8506



25.2553, 26.9426, 67.0882

Complementary

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



35.2397, 26.9426, 18.0950



39.5307, 51.1016, 68.1015

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.



20.7650, 26.9426, 59.9764



35.2397, 26.9426, 18.0950



17.0382, 26.9426, 28.3325

Square

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



35.2397, 26.9426, 18.0950



21.3034, 26.9426, 10.9165



17.9139, 26.9426, 44.4719



30.4568, 26.9426, 61.6265

Rectangle

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



35.2397, 26.9426, 18.0950



27.7062, 26.9426, 9.6091



17.9139, 26.9426, 44.4719



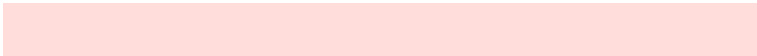
23.6187, 26.9426, 66.0507

Sweetspot

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



35.2404, 26.9440, 18.0955



79.9499, 78.1586, 78.0974



42.7755, 29.0694, 60.5144



16.6689, 16.0864, 15.8144



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.



35.2404, 26.9440, 18.0955



50.3966, 35.1005, 18.7710



42.4651, 41.3935, 20.5037



11.8560, 11.9027, 12.2846



16.3048, 8.5425, 0.7895



0.9289, 0.5121, 0.0499

Inverse Universe

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



39.5307, 51.1016, 68.1015



57.8972, 77.4332, 106.5023



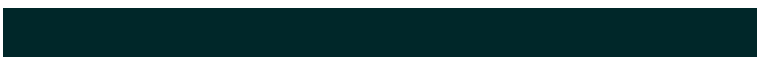
29.5858, 31.2118, 64.7865



12.1050, 13.3003, 15.1729



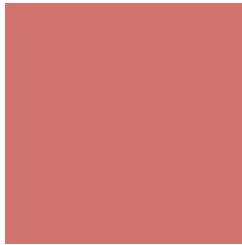
19.6305, 27.9075, 41.5446



1.1137, 1.5925, 2.3283

Previews

White Background



This preview shows how the XYZ color 35.2397, 26.9426, 18.0950 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 35.2397, 26.9426, 18.0950 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 35.2397, 26.9426, 18.0950

Background



This preview shows how black text looks on a background with the XYZ color 35.2397, 26.9426, 18.0950.



This preview shows how white text looks on a background with the XYZ color 35.2397, 26.9426,

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

35.2397, 26.9426, 18.0950

Protanopia

25.6426, 27.1656, 22.6309

Deuteranopia

27.5541, 26.9738, 17.3899



Tritanopia

35.9347, 26.8924, 21.3859

Trichromacy



Original Color

35.2397, 26.9426, 18.0950

Protanomaly

28.3159, 26.4685, 20.7561

Deuteranomaly

29.9015, 26.5672, 17.4619

Tritanomaly

35.8065, 27.0206, 20.1579

Monochromacy



Original Color

35.2397, 26.9426, 18.0950

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

28.4206, 26.6292, 25.1148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2397, 26.9426, 18.0950 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(209, 115, 110)` looks like.

```
.text, #text, p{  
    color:rgb(209, 115, 110)  
}
```

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(209, 115, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 115, 110) }
```

Border

The CSS property to change the border of an element to XYZ 35.2397, 26.9426, 18.0950 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(209, 115, 110) }
```


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

```
.border{ border-color:rgb(209, 115, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 115, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 115, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 115, 110);  
box-shadow:4px 4px 4px 4px rgb(209, 115,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2397, 26.9426, 18.0950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 115, 110) }
```

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

```
.background{ background-color: rgb(209,  
115, 110) }
```

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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