

Converting Colors

XYZ(35.1532, 25.4521, 17.9615)

Have a look what the booklet for
XYZ(35.1532, 25.4521, 17.9615)
contains.

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Color

**XYZ(35.1747, 25.4528,
18.0979)**

Conversions

Conversions Part 1

Format	Color
Hex	D46A6F
RGB	212, 106, 111
RGB Percent	83%, 42%, 44%
CMY	0.1686, 0.5843, 0.5647
CMYK	0.00, 0.50, 0.48, 0.17
HSL	357°, 55%, 62%
HSV	357°, 50%, 83%
XYZ	35.1747, 25.4528, 18.0979
YIQ	138.2640, 61.5710, 24.0270

Conversions

Conversions Part 2

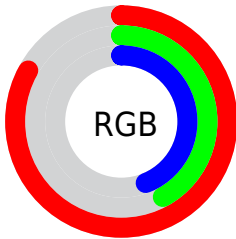
Format	Color
RYB	212, 106, 111
Decimal	13920879
CIELab	57.51, 42.11, 16.78
CIElCh	58, 45.329, 21.732
Yxy	25.4528, 0.4468, 0.3233
Android (android.graphics.Color)	4292110959 (0xFFD46A6F)
YUV	138.2640, -13.4412, 64.6665
Hunter-Lab	50.4508, 36.1629, 14.0468

Details

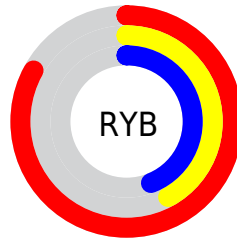
The XYZ color **35.1747, 25.4528, 18.0979** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **40.7512, 54.6568, 67.4370**, and the grayscale version is **24.2923, 25.5574, 27.8320**.

A 20% lighter version of the original color is **60.4217, 49.0460, 40.9326**, and **15.3532, 9.7695, 5.7791** is the 20% darker color. If you saturate the color by 10%, you get **32.2643, 21.2155, 12.2468**, and if you desaturate by 10%, it is **38.8779, 30.8733, 25.4546**.

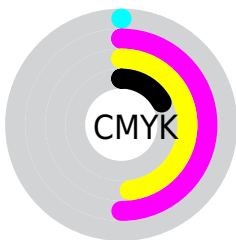
Distribution



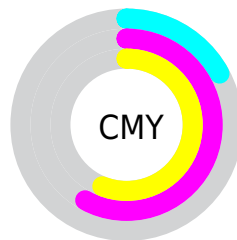
- Red (83%)
- Green (42%)
- Blue (44%)



- Red (83%)
- Yellow (42%)
- Blue (44%)



- Cyan (0%)
- Magenta (50%)
- Yellow (48%)
- Black (17%)





- Cyan (17%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1747, 25.4528, 18.0979 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 35.1747, 25.4528, 18.0979 by changing the saturation by 10% instead.


 35.1747, 25.4528,
18.0979


 35.1747, 25.4528,
18.0979


316.8333,
280.0855, 253.6769


 23.9646, 16.4147,
10.8501


 67.0886, 52.3908,
41.0203


 15.4320, 9.8181,
5.8532


 88.5231, 71.0596,
57.5319

 9.2114, 5.2785,
2.6887


 114.0964, 93.7074,
77.9687

 4.9375, 2.4116,
0.9377

 144.1739,
120.7186, 102.7490

 2.2450, 0.8318,
0.0000

179.1211,
152.4776, 132.2914

 0.7663, 0.0000,
0.0000

219.3031,

 0.0000, 0.0000,

189.3688, 167.0145

0.0000

265.0854,
231.7767, 207.3368

■ 35.1747, 25.4528,
18.0979

■ 35.1747, 25.4528,
18.0979

■ 32.2643, 21.2155,
12.2468

■ 38.8779, 30.8733,
25.4546

■ 30.0871, 18.0694,
7.7959

■ 43.4238, 37.5520,
34.4096

■ 28.5782, 15.9157,
4.6286


■ 48.8608, 45.5625,
45.0498


■ 27.6602, 14.6357,
2.6086

■ 55.2328, 54.9713,
57.4554


■ 27.2062, 14.0191,
1.5591

■ 62.5808, 65.8409,
71.7015

 27.2061, 14.0189,
1.5589

 70.9436, 78.2297,
87.8589

 80.3577, 92.1930,
105.9946

 80.9614, 92.7370,
108.2407

Harmonies

Analogous

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



35.9895, 25.4528, 32.2133



35.1747, 25.4528, 18.0979



31.2087, 25.4528, 10.3104

Triad

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



35.1747, 25.4528, 18.0979



16.9221, 25.4528, 13.0762



22.7296, 25.4528, 68.7806

Complementary

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



35.1747, 25.4528, 18.0979



40.7512, 54.6568, 67.4370

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.



18.3149, 25.4528, 58.2266



35.1747, 25.4528, 18.0979



15.3037, 25.4528, 23.6541

Square

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



35.1747, 25.4528, 18.0979



20.5480, 25.4528, 8.2531



15.7727, 25.4528, 40.2453



28.2435, 25.4528, 65.5260

Rectangle

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



35.1747, 25.4528, 18.0979



27.5946, 25.4528, 7.9819



15.7727, 25.4528, 40.2453



21.0815, 25.4528, 66.6231

Sweetspot

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



35.1753, 25.4541, 18.0984



78.7158, 75.8478, 77.2006



42.6868, 28.2851, 65.4971



16.4153, 15.5952, 15.6804



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.



35.1753, 25.4541, 18.0984



48.7630, 31.8714, 18.1089



41.2599, 38.0512, 18.8074



12.4467, 12.4302, 13.0268



16.8060, 8.6587, 1.0167



1.0222, 0.5257, 0.1062

Inverse Universe

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



35.1753, 25.4541, 18.0984



48.7630, 31.8714, 18.1089



31.1580, 34.4775, 67.3000



12.4467, 12.4302, 13.0268



16.8060, 8.6587, 1.0167



1.0222, 0.5257, 0.1062

Previews

White Background



This preview shows how the XYZ color 35.1747, 25.4528, 18.0979 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 35.1747, 25.4528, 18.0979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

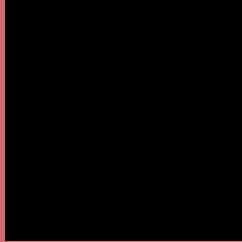
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.1747, 25.4528, 18.0979

Background



This preview shows how black text looks on a background with the XYZ color 35.1747, 25.4528, 18.0979.



This preview shows how white text looks on a background with the XYZ color 35.1747, 25.4528,

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

35.1747, 25.4528, 18.0979

Protanopia

24.4208, 25.6386, 23.7403

Deuteranopia

26.0933, 25.6022, 17.2021



Tritanopia

35.2860, 25.4974, 18.6845

Trichromacy



Original Color

35.1747, 25.4528, 18.0979

Protanomaly

27.2742, 24.7372, 21.4264

Deuteranomaly

28.8458, 25.0724, 17.5065

Tritanomaly

35.2300, 25.4750, 18.3896

Monochromacy



Original Color

35.1747, 25.4528, 18.0979

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.8742, 24.4796, 23.7307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1747, 25.4528, 18.0979 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(212, 106, 111)` looks like.

```
.text, #text, p{  
    color:rgb(212, 106, 111)  
}
```

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(212, 106, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 106, 111) }
```

Border

The CSS property to change the border of an element to XYZ 35.1747, 25.4528, 18.0979 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(212, 106, 111) }
```


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

```
.border{ border-color:rgb(212, 106, 111) }
```

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

Here you see how a box with a 4 pixel rgb(212, 106, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 106, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 106, 111);  
box-shadow:4px 4px 4px 4px rgb(212, 106,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1747, 25.4528, 18.0979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 106, 111) }
```

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

```
.background{ background-color: rgb(212,  
106, 111) }
```

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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