

Converting Colors

XYZ(35.5246, 26.0313, 21.3765)

Have a look what the booklet for
XYZ(35.5246, 26.0313, 21.3765)
contains.

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Color

**XYZ(35.4982, 26.0194,
21.2404)**

Conversions

Conversions Part 1

Format	Color
Hex	D26D79
RGB	210, 109, 121
RGB Percent	82%, 43%, 47%
CMY	0.1765, 0.5725, 0.5255
CMYK	0.00, 0.48, 0.42, 0.18
HSL	353°, 53%, 63%
HSV	353°, 48%, 82%
XYZ	35.4982, 26.0194, 21.2404
YIQ	140.5670, 56.3440, 25.1440

Conversions

Conversions Part 2

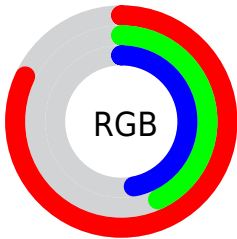
Format	Color
R _Y B	210, 109, 121
Decimal	13790585
CIE Lab	58.06, 40.87, 11.69
CIE LCh	58, 42.509, 15.961
Yxy	26.0194, 0.4289, 0.3144
Android (android.graphics.Color)	4291980665 (0xFFD26D79)
YUV	140.5670, -9.6465, 60.8927
Hunter-Lab	51.0092, 34.9551, 11.0179

Details

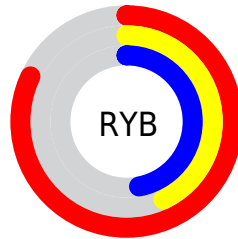
The XYZ color **35.4982, 26.0194, 21.2404** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.5477, 53.4223, 61.6566**, and the grayscale version is **25.1699, 26.4807, 28.8374**.

A 20% lighter version of the original color is **61.8800, 50.4715, 46.0157**, and **15.6146, 10.0827, 7.4265** is the 20% darker color. If you saturate the color by 10%, you get **32.4915, 21.6513, 15.1660**, and if you desaturate by 10%, it is **39.2591, 31.5475, 28.6407**.

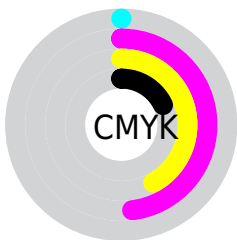
Distribution



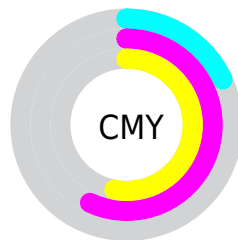
- Red (82%)
- Green (43%)
- Blue (47%)



- Red (82%)
- Yellow (43%)
- Blue (47%)



- Cyan (0%)
- Magenta (48%)
- Yellow (42%)
- Black (18%)





- Cyan (18%)
- Magenta (57%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4982, 26.0194, 21.2404 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 35.4982, 26.0194, 21.2404 by changing the saturation by 10% instead.


 35.4982, 26.0194,
21.2404


 35.4982, 26.0194,
21.2404


318.2316,
282.8773, 271.3762


 24.2152, 16.8382,
13.1069


 67.5858, 53.3062,
46.3733


 15.6189, 10.1192,
7.3706


 89.1211, 72.1806,
64.2097

 9.3440, 5.4780,
3.6130


 114.8046, 95.0548,
86.1175

 5.0252, 2.5304,
1.4155

 145.0015,
122.3133, 112.5152

 2.2969, 0.8918,
0.1538

180.0774,
154.3404, 143.8214

 0.7931, 0.0000,
0.0000

220.3974,

 0.0000, 0.0000,

191.5205, 180.4546

0.0000

266.3270,
234.2380, 222.8334

■ 35.4982, 26.0194,
21.2404

■ 35.4982, 26.0194,
21.2404

■ 32.4915, 21.6513,
15.1660

■ 39.2591, 31.5475,
28.6407

■ 30.1857, 18.3566,
10.3374

■ 43.8186, 38.3059,
37.4377

■ 28.5238, 16.0434,
6.6680


■ 49.2199, 46.3642,
47.6988


■ 27.4387, 14.6022,
4.0592


■ 55.5028, 55.7855,
59.4866


■ 26.8371, 13.8747,
2.3920

■ 62.7042, 66.6290,
72.8602

 26.7532, 13.7716,
2.1645

 70.8591, 78.9501,
87.8752

 79.6788, 92.1578,
104.4777

 80.3883, 92.4416,
108.2138

Harmonies

Analogous

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



35.6074, 26.0194, 35.7643



35.4982, 26.0194, 21.2404



32.2544, 26.0194, 12.4694

Triad

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



35.4982, 26.0194, 21.2404



18.2864, 26.0194, 12.8617



22.4104, 26.0194, 65.6026

Complementary

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



35.4982, 26.0194, 21.2404



39.5477, 53.4223, 61.6566

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.



18.4786, 26.0194, 53.9285



35.4982, 26.0194, 21.2404



16.3305, 26.0194, 22.0059

Square

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



35.4982, 26.0194, 21.2404



22.1121, 26.0194, 8.9044



16.3957, 26.0194, 36.8457



27.5482, 26.0194, 65.1736

Rectangle

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



35.4982, 26.0194, 21.2404



28.9778, 26.0194, 9.5496



16.3957, 26.0194, 36.8457



20.9202, 26.0194, 62.8264

Sweetspot

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



35.4989, 26.0207, 21.2409



80.0421, 77.4366, 80.9224



40.0063, 27.3993, 64.1528



16.6912, 15.9138, 16.4910



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.



35.4989, 26.0207, 21.2409



50.1884, 33.2684, 23.0663



39.6236, 35.3752, 19.2094



11.8650, 11.8308, 12.5651



16.3386, 8.4083, 1.4231



0.9330, 0.4779, 0.1822

Inverse Universe

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



35.4989, 26.0207, 21.2409



50.1884, 33.2684, 23.0663



32.8779, 37.7800, 66.5322



11.8650, 11.8308, 12.5651



16.3386, 8.4083, 1.4231



0.9330, 0.4779, 0.1822

Previews

White Background



This preview shows how the XYZ color 35.4982, 26.0194, 21.2404 looks on a white background.

Color Contrast Check

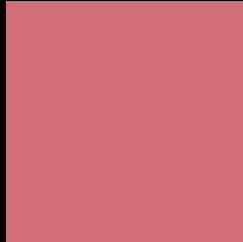
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.4982, 26.0194, 21.2404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

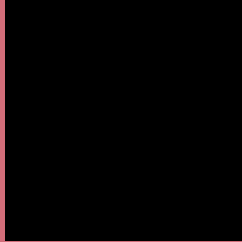
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.4982, 26.0194, 21.2404

Background



This preview shows how black text looks on a background with the XYZ color 35.4982, 26.0194, 21.2404.



This preview shows how white text looks on a background with the XYZ color 35.4982, 26.0194,

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

35.4982, 26.0194, 21.2404

Protanopia

25.0757, 26.1110, 27.3852

Deuteranopia

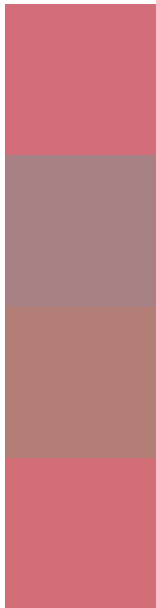
26.7752, 26.2937, 20.4936



Tritanopia

35.3652, 26.1379, 20.0108

Trichromacy



Original Color

35.4982, 26.0194, 21.2404

Protanomaly

27.7523, 25.2925, 24.8920

Deuteranomaly

29.3213, 25.8134, 20.5766

Tritanomaly

35.4243, 26.1615, 20.3222

Monochromacy



Original Color

35.4982, 26.0194, 21.2404

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.8792, 25.5287, 26.0124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4982, 26.0194, 21.2404 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(210, 109, 121)` looks like.

```
.text, #text, p{  
    color:rgb(210, 109, 121)  
}
```

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(210, 109, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 109, 121) }
```

Border

The CSS property to change the border of an element to XYZ 35.4982, 26.0194, 21.2404 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(210, 109, 121) }
```


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

```
.border{ border-color:rgb(210, 109, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 109, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 109, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 109, 121);  
box-shadow:4px 4px 4px 4px rgb(210, 109,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4982, 26.0194, 21.2404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 109, 121) }
```

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

```
.background{ background-color: rgb(210,  
109, 121) }
```

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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