

Converting Colors

XYZ(35.6893, 26.1971, 16.2892)

Have a look what the booklet for
XYZ(35.6893, 26.1971, 16.2892)
contains.

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Color

**XYZ(35.6989, 26.2329,
16.2786)**

Conversions

Conversions Part 1

Format	Color
Hex	D66D68
RGB	214, 109, 104
RGB Percent	84%, 43%, 41%
CMY	0.1608, 0.5725, 0.5922
CMYK	0.00, 0.49, 0.51, 0.16
HSL	3°, 57%, 62%
HSV	3°, 51%, 84%
XYZ	35.6989, 26.2329, 16.2786
YIQ	139.8250, 64.1850, 20.7050

Conversions

Conversions Part 2

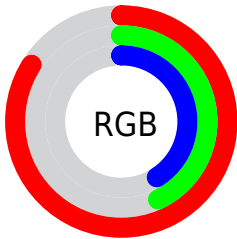
Format	Color
R_{YB}	214, 109, 104
Decimal	14052712
CIE _{Lab}	58.26, 40.68, 21.88
CIE _{LCh}	58, 46.189, 28.277
Yxy	26.2329, 0.4564, 0.3354
Android (android.graphics.Color)	4292242792 (0xFFD66D68)
YUV	139.8250, -17.6617, 65.0515
Hunter-Lab	51.2181, 34.7826, 17.0085

Details

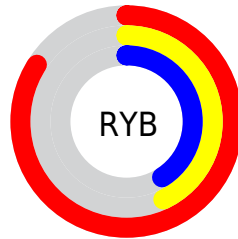
The XYZ color **35.6989, 26.2329, 16.2786** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **40.6456, 53.3961, 71.7824**, and the grayscale version is **24.9090, 26.2062, 28.5386**.

A 20% lighter version of the original color is **60.2536, 49.8209, 37.4510**, and **15.7192, 10.1902, 5.0093** is the 20% darker color. If you saturate the color by 10%, you get **32.8150, 21.9896, 10.6179**, and if you desaturate by 10%, it is **39.3662, 31.6018, 23.5615**.

Distribution



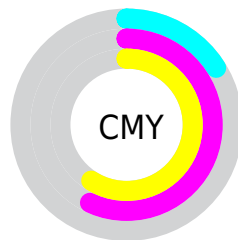
- Red (84%)
- Green (43%)
- Blue (41%)



- Red (84%)
- Yellow (43%)
- Blue (41%)



- Cyan (0%)
- Magenta (49%)
- Yellow (51%)
- Black (16%)





- Cyan (16%)
- Magenta (57%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6989, 26.2329, 16.2786 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 35.6989, 26.2329, 16.2786 by changing the saturation by 10% instead.


 35.6989, 26.2329,
16.2786


 35.6989, 26.2329,
16.2786


319.0968,
283.9235, 242.8817


 24.3708, 16.9980,
9.5650


 67.8940, 53.6504,
37.8547


 15.7351, 10.2330,
5.0097


 89.4917, 72.6018,
53.5543

 9.4266, 5.5537,
2.1941


 115.2432, 95.5608,
73.0863

 5.0798, 2.5757,
0.6710

 145.5140,
122.9118, 96.8693

 2.3294, 0.9145,
0.0000

180.6694,
155.0391, 125.3218

 0.8096, 0.0000,
0.0000

221.0748,

 0.0000, 0.0000,

192.3273, 158.8623

0.0000

267.0955,
235.1606, 197.9094

■ 35.6989, 26.2329,
16.2786

■ 35.6989, 26.2329,
16.2786

■ 32.8150, 21.9896,
10.6179

■ 39.3662, 31.6018,
23.5615

■ 30.6557, 18.7881,
6.4540

■ 43.8661, 38.1641,
32.5763

■ 29.1570, 16.5397,
3.6455

■ 49.2463, 45.9871,
43.4248

■ 28.2429, 15.1389,
2.0231

■ 55.5500, 55.1321,
56.2005

■ 27.8372, 14.5075,
1.3330

■ 62.8178, 65.6560,
70.9905

■ 71.0878, 77.6128,
87.8767

■ 80.3960, 91.0533,
106.9364

■ 81.5415, 93.0361,
108.2678

Harmonies

Analogous

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



37.3539, 26.2329, 29.5028



35.6989, 26.2329, 16.2786



31.0508, 26.2329, 9.5117

Triad

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



35.6989, 26.2329, 16.2786



16.8330, 26.2329, 15.1968



24.6104, 26.2329, 71.9446

Complementary

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



35.6989, 26.2329, 16.2786



40.6456, 53.3961, 71.7824

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.



19.6776, 26.2329, 63.7528



35.6989, 26.2329, 16.2786



15.6257, 26.2329, 27.6437

Square

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



35.6989, 26.2329, 16.2786



20.1616, 26.2329, 9.0721



16.5844, 26.2329, 45.8535



30.4047, 26.2329, 65.3535

Rectangle

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



35.6989, 26.2329, 16.2786



27.1917, 26.2329, 7.7275



16.5844, 26.2329, 45.8535



22.8041, 26.2329, 70.7831

Sweetspot

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



35.6996, 26.2343, 16.2791



78.9307, 76.6544, 76.1110



44.3563, 28.8667, 64.4246



16.4661, 15.7859, 15.4228



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.



35.6996, 26.2343, 16.2791



48.3529, 32.0409, 14.9209



43.2683, 41.3719, 18.8020



12.4681, 12.5105, 12.9183



16.8463, 8.8099, 0.8126



1.0324, 0.5640, 0.0545

Inverse Universe

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



40.6456, 53.3961, 71.7824



56.4767, 76.7711, 106.4494



29.6235, 31.3520, 68.1084



12.7415, 14.0064, 15.9695



20.4469, 29.1556, 43.0031



1.2485, 1.7891, 2.5988

Previews

White Background



This preview shows how the XYZ color 35.6989, 26.2329, 16.2786 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 35.6989, 26.2329, 16.2786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

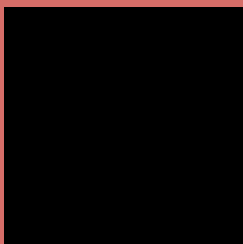
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.6989, 26.2329, 16.2786

Background



This preview shows how black text looks on a background with the XYZ color 35.6989, 26.2329, 16.2786.



This preview shows how white text looks on a background with the XYZ color 35.6989, 26.2329,

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

35.6989, 26.2329, 16.2786

Protanopia

24.8608, 26.3601, 20.9172

Deuteranopia

26.9006, 26.4635, 15.7468



Tritanopia

36.3765, 26.2003, 19.3596

Trichromacy



Original Color

35.6989, 26.2329, 16.2786

Protanomaly

27.8442, 25.6634, 19.1088

Deuteranomaly

29.5770, 26.0516, 15.7815

Tritanomaly

36.2561, 26.3199, 18.2083

Monochromacy



Original Color

35.6989, 26.2329, 16.2786

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

27.6174, 25.4483, 23.5351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6989, 26.2329, 16.2786 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, 109, 104)` looks like.

```
.text, #text, p{  
    color:rgb(214, 109, 104)  
}
```

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, 109, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 109, 104) }
```

Border

The CSS property to change the border of an element to XYZ 35.6989, 26.2329, 16.2786 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, 109, 104) }
```


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

```
.border{ border-color:rgb(214, 109, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 109, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 109, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 109, 104);  
box-shadow:4px 4px 4px 4px rgb(214, 109,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6989, 26.2329, 16.2786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 109, 104) }
```

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

```
.background{ background-color: rgb(214,  
109, 104) }
```

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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