

Converting Colors

XYZ(34.9589, 26.4110, 21.3149)

Have a look what the booklet for
XYZ(34.9589, 26.4110, 21.3149)
contains.

XYZ(35.0884, 26.4561, 21.3463)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.0884, 26.4561,
21.3463)**

Conversions

Conversions Part 1

Format	Color
Hex	CF7179
RGB	207, 113, 121
RGB Percent	81%, 44%, 47%
CMY	0.1882, 0.5568, 0.5255
CMYK	0.00, 0.45, 0.42, 0.19
HSL	355°, 49%, 63%
HSV	355°, 45%, 81%
XYZ	35.0884, 26.4561, 21.3463
YIQ	142.0180, 53.4560, 22.4160

Conversions

Conversions Part 2

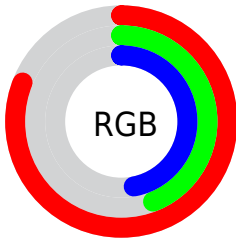
Format	Color
R_{YB}	207, 113, 121
Decimal	13595001
CIE Lab	58.47, 37.70, 12.21
CIE LCh	58, 39.630, 17.940
Yxy	26.4561, 0.4233, 0.3192
Android (android.graphics.Color)	4291785081 (0xFFCF7179)
YUV	142.0180, -10.3619, 56.9892
Hunter-Lab	51.4355, 31.7575, 11.3988

Details

The XYZ color **35.0884, 26.4561, 21.3463** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.4330, 52.2604, 62.0448**, and the grayscale version is **25.7439, 27.0845, 29.4951**.

A 20% lighter version of the original color is **62.4190, 51.5496, 46.1954**, and **15.3196, 10.3158, 7.4871** is the 20% darker color. If you saturate the color by 10%, you get **31.9871, 21.9333, 15.1340**, and if you desaturate by 10%, it is **38.9458, 32.1261, 28.9361**.

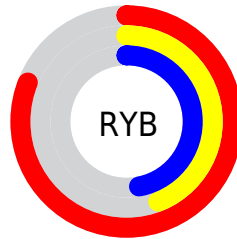
Distribution



Red (81%)

Green (44%)

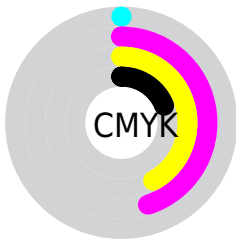
Blue (47%)



Red (81%)

Yellow (44%)

Blue (47%)

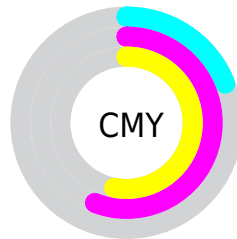


Cyan (0%)

Magenta (45%)

Yellow (42%)

Black (19%)



Cyan (19%)


Magenta (56%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0884, 26.4561, 21.3463 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 35.0884, 26.4561, 21.3463 by changing the saturation by 10% instead.


 35.0884, 26.4561,
21.3463


 35.0884, 26.4561,
21.3463


316.4595,
285.0139, 271.9544


 23.8978, 17.1652,
13.1837


 66.9558, 54.0098,
46.5514


 15.3822, 10.3523,
7.4229


 88.3633, 73.0414,
64.4310

 9.1761, 5.6332,
3.6455


 113.9072, 96.0887,
86.3866

 4.9142, 2.6233,
1.4330

 143.9528,
123.5360, 112.8368

 2.2313, 0.9384,
0.1672

178.8655,
155.7678, 144.2002

 0.7591, 0.0000,
0.0000

219.0106,

 0.0000, 0.0000,

193.1685, 180.8952

0.0000

264.7535,
236.1224, 223.3404

■ 35.0884, 26.4561,
21.3463

■ 35.0884, 26.4561,
21.3463

■ 31.9871, 21.9333,
15.1340

■ 38.9458, 32.1261,
28.9361

■ 29.5901, 18.4757,
10.2150

■ 43.6023, 39.0098,
37.9776

■ 27.8424, 15.9971,
6.4981


■ 49.1003, 47.1736,
48.5416


■ 26.6799, 14.3957,
3.8797


■ 55.4786, 56.6778,
60.6939


■ 26.0251, 13.5477,
2.2385

■ 62.7733, 67.5789,
74.4963

 25.8381, 13.3078,
1.7624

 71.0188, 79.9302,
90.0072

 79.3136, 91.9140,
106.9711

 79.5421, 92.0054,
108.1742

Harmonies

Analogous

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



35.3981, 26.4561, 34.7465



35.0884, 26.4561, 21.3463



31.9155, 26.4561, 13.1937

Triad

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



35.0884, 26.4561, 21.3463



18.8452, 26.4561, 14.3771



23.2495, 26.4561, 63.5581

Complementary

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



35.0884, 26.4561, 21.3463



39.4330, 52.2604, 62.0448

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.



19.4081, 26.4561, 53.4956



35.0884, 26.4561, 21.3463



17.0929, 26.4561, 23.5847

Square

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



35.0884, 26.4561, 21.3463



22.3846, 26.4561, 10.1516



17.2848, 26.4561, 37.8284



28.1251, 26.4561, 62.3654

Rectangle

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



35.0884, 26.4561, 21.3463



28.8085, 26.4561, 10.4823



17.2848, 26.4561, 37.8284



21.8073, 26.4561, 61.2742

Sweetspot

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



35.0891, 26.4574, 21.3468



79.8798, 77.3717, 80.0681



40.3517, 28.2681, 62.3609



16.6522, 15.8982, 16.2861



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.



35.0891, 26.4574, 21.3468



51.5996, 35.6379, 24.9324



39.7159, 36.4635, 20.5695



11.8490, 11.8243, 12.4805



16.2938, 8.3904, 1.1875



0.9255, 0.4749, 0.1425

Inverse Universe

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



35.0891, 26.4574, 21.3468



51.5996, 35.6379, 24.9324



32.3362, 36.5419, 64.3803



11.8490, 11.8243, 12.4805



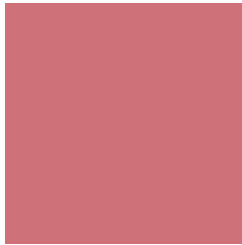
16.2938, 8.3904, 1.1875



0.9255, 0.4749, 0.1425

Previews

White Background



This preview shows how the XYZ color 35.0884, 26.4561, 21.3463 looks on a white background.

Color Contrast Check

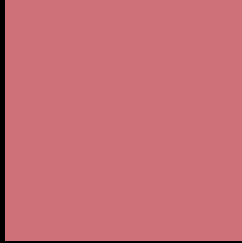
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.0884, 26.4561, 21.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

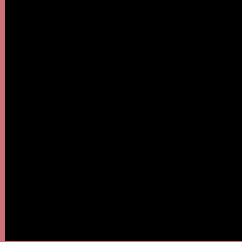
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.0884, 26.4561, 21.3463

Background



This preview shows how black text looks on a background with the XYZ color 35.0884, 26.4561, 21.3463.



This preview shows how white text looks on a background with the XYZ color 35.0884, 26.4561,

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

35.0884, 26.4561, 21.3463

Protanopia

25.4283, 26.5252, 26.7013

Deuteranopia

27.1193, 26.6792, 20.5499



Tritanopia

35.0884, 26.4561, 21.3463

Trichromacy



Original Color

35.0884, 26.4561, 21.3463

Protanomaly

28.1603, 25.9018, 24.6344

Deuteranomaly

29.5796, 26.3301, 20.6627

Tritanomaly

35.0884, 26.4561, 21.3463

Monochromacy



Original Color

35.0884, 26.4561, 21.3463

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

28.1453, 26.0608, 26.1011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0884, 26.4561, 21.3463 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(207, 113, 121)` looks like.

```
.text, #text, p{  
    color:rgb(207, 113, 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(207, 113, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 113, 121) }
```

Border

The CSS property to change the border of an element to XYZ 35.0884, 26.4561, 21.3463 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(207, 113, 121) }
```


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

```
.border{ border-color:rgb(207, 113, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 113, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 113, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 113, 121);  
box-shadow:4px 4px 4px 4px rgb(207, 113,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0884, 26.4561, 21.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 113, 121) }
```

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

```
.background{ background-color: rgb(207,  
113, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor