

Converting Colors

XYZ(35.1759, 26.4639, 22.3441)

Have a look what the booklet for
XYZ(35.1759, 26.4639, 22.3441)
contains.

XYZ(35.2753, 26.5309, 22.3305)	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(35.2753, 26.5309,
22.3305)**

Conversions

Conversions Part 1

Format	Color
Hex	CF717C
RGB	207, 113, 124
RGB Percent	81%, 44%, 49%
CMY	0.1882, 0.5568, 0.5137
CMYK	0.00, 0.45, 0.40, 0.19
HSL	353°, 49%, 63%
HSV	353°, 45%, 81%
XYZ	35.2753, 26.5309, 22.3305
YIQ	142.3600, 52.4930, 23.3490

Conversions

Conversions Part 2

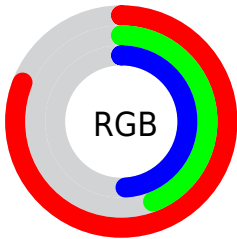
Format	Color
R _Y B	207, 113, 124
Decimal	13595004
CIE Lab	58.54, 38.04, 10.57
CIE LCh	59, 39.478, 15.529
Yxy	26.5309, 0.4193, 0.3153
Android (android.graphics.Color)	4291785084 (0xFFCF717C)
YUV	142.3600, -9.0515, 56.6893
Hunter-Lab	51.5082, 32.1062, 10.3515

Details

The XYZ color **35.2753, 26.5309, 22.3305** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.0880, 52.1224, 60.2281**, and the grayscale version is **25.8747, 27.2222, 29.6450**.

A 20% lighter version of the original color is **62.7127, 51.6670, 47.7417**, and **15.5703, 10.4373, 7.8506** is the 20% darker color. If you saturate the color by 10%, you get **32.1729, 22.0076, 16.1122**, and if you desaturate by 10%, it is **39.1201, 32.1958, 29.8539**.

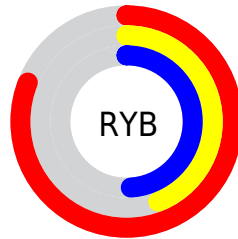
Distribution



Red (81%)

Green (44%)

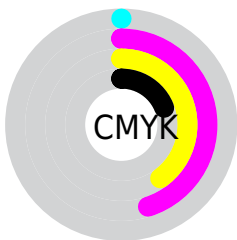
Blue (49%)



Red (81%)

Yellow (44%)

Blue (49%)

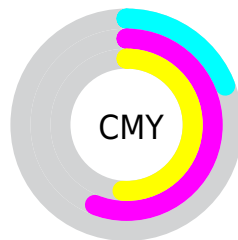


Cyan (0%)

Magenta (45%)

Yellow (40%)

Black (19%)



Cyan (19%)

Magenta (56%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2753, 26.5309, 22.3305 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 35.2753, 26.5309, 22.3305 by changing the saturation by 10% instead.


 35.2753, 26.5309,
22.3305


 35.2753, 26.5309,
22.3305


317.2686,
285.3786, 277.2770


 24.0425, 17.2212,
13.8993


 67.2432, 54.1302,
48.2008


 15.4901, 10.3923,
7.9127


 88.7091, 73.1886,
66.4770

 9.2526, 5.6599,
3.9522


 114.3168, 96.2654,
88.8720

 4.9647, 2.6394,
1.5991

 144.4315,
123.7449, 115.8042

 2.2611, 0.9465,
0.2902

179.4187,
156.0116, 147.6923

 0.7747, 0.0000,
0.0000

219.6437,

 0.0000, 0.0000,

193.4499, 184.9548

0.0000

265.4719,
236.4441, 228.0102

■ 35.2753, 26.5309,
22.3305

■ 35.2753, 26.5309,
22.3305

■ 32.1729, 22.0076,
16.1122

■ 39.1201, 32.1958,
29.8539

■ 29.7625, 18.5447,
11.1229

■ 43.7489, 39.0685,
38.7494

■ 27.9911, 16.0565,
7.2810


■ 49.2028, 47.2147,
49.0814


■ 26.7966, 14.4424,
4.4941


■ 55.5195, 56.6943,
60.9096


■ 26.1043, 13.5793,
2.6554

■ 62.7342, 67.5634,
74.2904

 25.8991, 13.3322,
2.0842

 70.8802, 79.8748,
89.2772

 79.0550, 91.8106,
105.6096

 79.5420, 92.0054,
108.1742

Harmonies

Analogous

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



35.3309, 26.5309, 36.0641



35.2753, 26.5309, 22.3305



32.3055, 26.5309, 13.7504

Triad

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



35.2753, 26.5309, 22.3305



19.1481, 26.5309, 13.9632



22.9645, 26.5309, 63.0924

Complementary

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



35.2753, 26.5309, 22.3305



39.0880, 52.1224, 60.2281

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.



19.2492, 26.5309, 52.3538



35.2753, 26.5309, 22.3305



17.2445, 26.5309, 22.7325

Square

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



35.2753, 26.5309, 22.3305



22.8092, 26.5309, 10.0803



17.2790, 26.5309, 36.6171



27.7882, 26.5309, 62.8786

Rectangle

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



35.2753, 26.5309, 22.3305



29.2667, 26.5309, 10.8005



17.2790, 26.5309, 36.6171



21.5589, 26.5309, 60.5242

Sweetspot

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



35.2760, 26.5322, 22.3310



80.0334, 77.4331, 80.8768



39.5365, 27.8479, 62.3227



16.6891, 15.9129, 16.4800



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.



35.2760, 26.5322, 22.3310



51.8981, 35.7573, 26.5045



39.2201, 35.4718, 20.4042



11.8642, 11.8304, 12.5606



16.3359, 8.4072, 1.4090



0.9326, 0.4778, 0.1801

Inverse Universe

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



35.2760, 26.5322, 22.3310



51.8981, 35.7573, 26.5045



32.9279, 37.7254, 64.5775



11.8642, 11.8304, 12.5606



16.3359, 8.4072, 1.4090



0.9326, 0.4778, 0.1801

Previews

White Background



This preview shows how the XYZ color 35.2753, 26.5309, 22.3305 looks on a white background.

Color Contrast Check

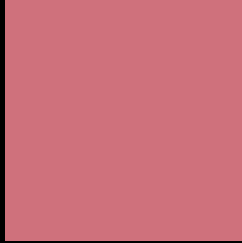
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.2753, 26.5309, 22.3305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

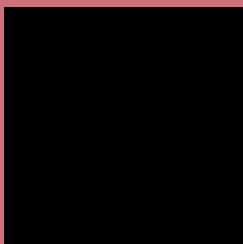
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.2753, 26.5309, 22.3305

Background



This preview shows how black text looks on a background with the XYZ color 35.2753, 26.5309, 22.3305.



This preview shows how white text looks on a background with the XYZ color 35.2753, 26.5309,

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

35.2753, 26.5309, 22.3305

Protanopia

25.6867, 26.8431, 28.2535

Deuteranopia

27.0946, 26.6458, 21.4844



Tritanopia

35.1501, 26.4808, 21.6710

Trichromacy



Original Color

35.2753, 26.5309, 22.3305

Protanomaly

28.3557, 26.1693, 26.1109

Deuteranomaly

29.5305, 26.2838, 21.6060

Tritanomaly

35.2124, 26.5057, 21.9991

Monochromacy



Original Color

35.2753, 26.5309, 22.3305

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

28.2154, 26.0889, 26.4702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2753, 26.5309, 22.3305 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, 124)` looks like.

```
.text, #text, p{  
    color:rgb(207, 113, 124)  
}
```

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, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 113, 124) }
```

Border

The CSS property to change the border of an element to XYZ 35.2753, 26.5309, 22.3305 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, 124) }
```


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

```
.border{ border-color:rgb(207, 113, 124) }
```

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, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 113, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 113, 124);  
box-shadow:4px 4px 4px 4px rgb(207, 113,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2753, 26.5309, 22.3305 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, 124) }
```

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

```
.background{ background-color: rgb(207,  
113, 124) }
```

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