

Converting Colors

XYZ(29.4503, 22.6745, 17.0118)

Have a look what the booklet for
XYZ(29.4503, 22.6745, 17.0118)
contains.

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Color

**XYZ(29.4503, 22.6745,
17.0118)**

Conversions

Conversions Part 1

Format	Color
Hex	BF6B6C
RGB	191, 107, 108
RGB Percent	75%, 42%, 42%
CMY	0.2510, 0.5804, 0.5765
CMYK	0.00, 0.44, 0.43, 0.25
HSL	359°, 40%, 58%
HSV	359°, 44%, 75%
XYZ	29.4503, 22.6745, 17.0118
YIQ	132.2300, 49.7430, 18.1190

Conversions

Conversions Part 2

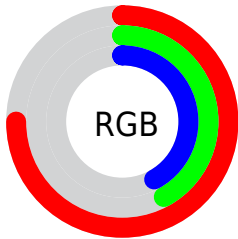
Format	Color
R_{YB}	191, 107, 108
Decimal	12544876
CIE _{Lab}	54.74, 33.45, 14.24
CIE _{LCh}	55, 36.351, 23.060
Yxy	22.6745, 0.4260, 0.3280
Android (android.graphics.Color)	4290734956 (0xFFBF6B6C)
YUV	132.2300, -11.9454, 51.5413
Hunter-Lab	47.6177, 27.0664, 12.1506

Details

The XYZ color **29.4503, 22.6745, 17.0118** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **33.9896, 44.1055, 55.4395**, and the grayscale version is **22.0450, 23.1930, 25.2572**.

A 20% lighter version of the original color is **58.2532, 47.9688, 38.9895**, and **12.1369, 8.3315, 5.3833** is the 20% darker color. If you saturate the color by 10%, you get **26.7763, 18.7637, 11.6897**, and if you desaturate by 10%, it is **32.7827, 27.5541, 23.6265**.

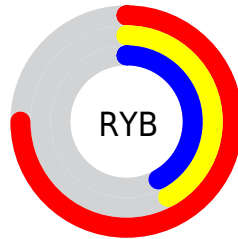
Distribution



Red (75%)

Green (42%)

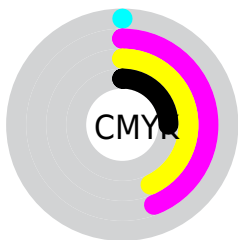
Blue (42%)



Red (75%)

Yellow (42%)

Blue (42%)

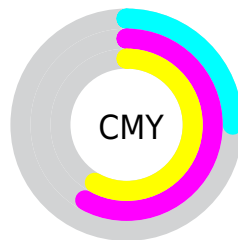


Cyan (0%)

Magenta (44%)

Yellow (43%)

Black (25%)



Cyan (25%)


Magenta (58%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4503, 22.6745, 17.0118 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 29.4503, 22.6745, 17.0118 by changing the saturation by 10% instead.


 29.4503, 22.6745,
17.0118


 29.4503, 22.6745,
17.0118

291.2897,
266.0487, 247.2866


 19.5677, 14.3533,
10.0809


 58.1844, 47.8583,
39.1370

 12.1876, 8.3668,
5.3463


 77.7666, 65.4897,
55.1683

 6.9447, 4.3306,
2.3896


 101.3127, 86.9934,
75.0702

 3.4736, 1.8601,
0.7808

 129.1882,
112.7537, 99.2612

 1.4089, 0.5242,
0.0000

161.7582,
143.1549, 128.1597

 0.2625, 0.0000,
0.0000

199.3883,

 0.0000, 0.0000,

178.5816, 162.1845

0.0000

242.4436,
219.4181, 201.7539

■ 29.4503, 22.6745,
17.0118

■ 29.4503, 22.6745,
17.0118

■ 26.7763, 18.7637,
11.6897

■ 32.7827, 27.5541,
23.6265

■ 24.7155, 15.7541,
7.5746

■ 36.8114, 33.4575,
31.6094

■ 23.2198, 13.5748,
4.5725


■ 41.5732, 40.4396,
41.0317

■ 22.2332, 12.1429,
2.5748


■ 47.1020, 48.5505,
51.9593

■ 21.6881, 11.3582,
1.4518

■ 53.4296, 57.8368,
64.4542

 21.4982, 11.0813,
1.0708

 60.5859, 68.3430,
78.5748

 68.5995, 80.1109,
94.3763

 75.2958, 89.8163,
107.9755

Harmonies

Analogous

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



30.1446, 22.6745, 27.4533



29.4503, 22.6745, 17.0118



26.5238, 22.6745, 10.9137

Triad

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



29.4503, 22.6745, 17.0118



15.9589, 22.6745, 13.6561



20.6334, 22.6745, 53.7265

Complementary

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



29.4503, 22.6745, 17.0118



33.9896, 44.1055, 55.4395

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.



17.2429, 22.6745, 46.8706



29.4503, 22.6745, 17.0118



14.7694, 22.6745, 22.1162

Square

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



29.4503, 22.6745, 17.0118



18.6709, 22.6745, 9.4378



15.2086, 22.6745, 34.3846



24.7140, 22.6745, 51.0805

Rectangle

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



29.4503, 22.6745, 17.0118



23.8763, 22.6745, 9.0195



15.2086, 22.6745, 34.3846



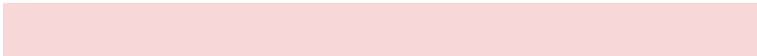
19.3826, 22.6745, 52.4006

Sweetspot

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



29.4509, 22.6756, 17.0122



75.1712, 73.4738, 74.8983



35.7976, 25.1738, 52.2623



16.0573, 15.4747, 15.5578



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.4509, 22.6756, 17.0122



48.0147, 33.6908, 21.0520



34.6676, 33.1934, 18.4913



9.5346, 9.5382, 9.9384



14.1305, 7.2834, 0.7149



0.5551, 0.2859, 0.0363

Inverse Universe

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



29.4509, 22.6756, 17.0122



48.0147, 33.6908, 21.0520



26.4387, 28.8291, 53.4611



9.5346, 9.5382, 9.9384



14.1305, 7.2834, 0.7149



0.5551, 0.2859, 0.0363

Previews

White Background



This preview shows how the XYZ color 29.4503, 22.6745, 17.0118 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 29.4503, 22.6745, 17.0118 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 29.4503, 22.6745, 17.0118

Background



This preview shows how black text looks on a background with the XYZ color 29.4503, 22.6745, 17.0118.



This preview shows how white text looks on a background with the XYZ color 29.4503, 22.6745,

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

29.4503, 22.6745, 17.0118

Protanopia

21.6598, 22.8229, 21.0330

Deuteranopia

23.1475, 22.7139, 16.5288



Tritanopia

29.6772, 22.5993, 18.7175

Trichromacy



Original Color

29.4503, 22.6745, 17.0118

Protanomaly

23.8222, 22.2479, 19.5617

Deuteranomaly

25.1347, 22.4497, 16.6442

Tritanomaly

29.5645, 22.5543, 18.1244

Monochromacy



Original Color

29.4503, 22.6745, 17.0118

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.7950, 22.3683, 21.8023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4503, 22.6745, 17.0118 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(191, 107, 108)` looks like.

```
.text, #text, p{  
    color:rgb(191, 107, 108)  
}
```

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(191, 107, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 107, 108) }
```

Border

The CSS property to change the border of an element to XYZ 29.4503, 22.6745, 17.0118 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(191, 107, 108) }
```


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

```
.border{ border-color:rgb(191, 107, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 107, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 107, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 107, 108);  
box-shadow:4px 4px 4px 4px rgb(191, 107,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4503, 22.6745, 17.0118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 107, 108) }
```

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

```
.background{ background-color: rgb(191,  
107, 108) }
```

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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