

Converting Colors

XYZ(30.5310, 24.4407, 17.6739)

Have a look what the booklet for
XYZ(30.5310, 24.4407, 17.6739)
contains.

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Color

**XYZ(30.6293, 24.5721,
17.5965)**

Conversions

Conversions Part 1

Format	Color
Hex	C0736D
RGB	192, 115, 109
RGB Percent	75%, 45%, 43%
CMY	0.2471, 0.5490, 0.5725
CMYK	0.00, 0.40, 0.43, 0.25
HSL	4°, 40%, 59%
HSV	4°, 43%, 75%
XYZ	30.6293, 24.5721, 17.5965
YIQ	137.3390, 47.8180, 14.4580

Conversions

Conversions Part 2

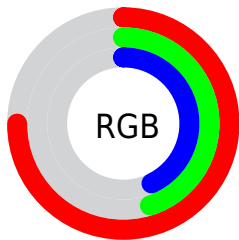
Format	Color
R_{YB}	192, 115, 109
Decimal	12612461
CIE Lab	56.66, 29.62, 16.33
CIE LCh	57, 33.826, 28.865
Yxy	24.5721, 0.4207, 0.3375
Android (android.graphics.Color)	4290802541 (0xFFC0736D)
YUV	137.3390, -13.9711, 47.9377
Hunter-Lab	49.5703, 23.5466, 13.6524

Details

The XYZ color **30.6293, 24.5721, 17.5965** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **33.3791, 42.1728, 56.2500**, and the grayscale version is **23.9454, 25.1924, 27.4346**.

A 20% lighter version of the original color is **60.1315, 51.0526, 39.9426**, and **12.9131, 9.3626, 5.6840** is the 20% darker color. If you saturate the color by 10%, you get **27.8679, 20.5266, 12.1217**, and if you desaturate by 10%, it is **34.0101, 29.4951, 24.3920**.

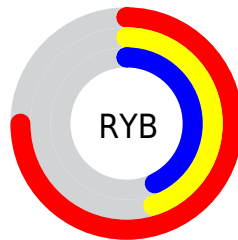
Distribution



Red (75%)

Green (45%)

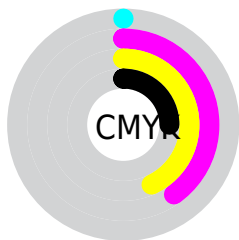
Blue (43%)



Red (75%)

Yellow (45%)

Blue (43%)

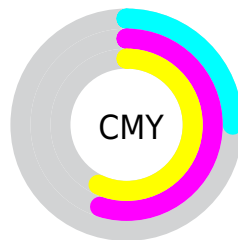


Cyan (0%)

Magenta (40%)

Yellow (43%)

Black (25%)



Cyan (25%)


Magenta (55%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.6293, 24.5721, 17.5965 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 30.6293, 24.5721, 17.5965 by changing the saturation by 10% instead.

 30.6293, 24.5721,
17.5965


 30.6293, 24.5721,
17.5965


296.6843,
275.7002, 250.7460

 20.4672, 15.7585,
10.4943


 60.0358, 50.9622,
40.1532


 12.8453, 9.3535,
5.6180


 80.0109, 69.3075,
56.4447

 7.3984, 4.9724,
2.5492


 103.9876, 91.5989,
76.6363

 3.7610, 2.2311,
0.8661

 132.3314,
118.2207, 101.1467

 1.5678, 0.7369,
0.0000

165.4077,
149.5573, 130.3943

 0.3713, 0.0000,
0.0000

203.5817,

 0.0000, 0.0000,

185.9932, 164.7977

0.0000

247.2188,
227.9127, 204.7755

■ 30.6293, 24.5721,
17.5965

■ 30.6293, 24.5721,
17.5965

■ 27.8679, 20.5266,
12.1217

■ 34.0101, 29.4951,
24.3920

■ 25.6865, 17.3038,
7.8804

■ 38.0429, 35.3391,
32.5850

■ 24.0441, 14.8480,
4.7772


■ 42.7601, 42.1491,
42.2479


■ 22.8935, 13.0955,
2.7019


■ 48.1914, 49.9661,
53.4478


■ 22.1792, 11.9721,
1.5227

■ 54.3649, 58.8286,
66.2478

 21.8938, 11.5176,
1.0692

 61.3070, 68.7733,
80.7072

 69.0430, 79.8349,
96.8824

 75.5482, 89.9465,
107.9873

Harmonies

Analogous

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



31.7679, 24.5721, 27.1864



30.6293, 24.5721, 17.5965



27.4906, 24.5721, 12.1607

Triad

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



30.6293, 24.5721, 17.5965



17.4578, 24.5721, 17.0402



23.2055, 24.5721, 54.8009

Complementary

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



30.6293, 24.5721, 17.5965



33.3791, 42.1728, 56.2500

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.



19.6565, 24.5721, 49.9247



30.6293, 24.5721, 17.5965



16.5764, 24.5721, 26.3279

Square

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



30.6293, 24.5721, 17.5965



19.8889, 24.5721, 11.9087



17.3346, 24.5721, 38.6410



27.2022, 24.5721, 50.5781

Rectangle

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



30.6293, 24.5721, 17.5965



24.8472, 24.5721, 10.6258



17.3346, 24.5721, 38.6410



21.9238, 24.5721, 54.1523

Sweetspot

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



30.6299, 24.5733, 17.5970



77.4978, 76.3991, 76.5896



36.1196, 25.7090, 49.7735



16.1936, 15.7669, 15.5431



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.



30.6299, 24.5733, 17.5970



50.6727, 37.4542, 22.3127



36.3927, 36.0988, 19.5179



10.1304, 10.1923, 10.4953



14.7544, 7.7946, 0.7269



0.6580, 0.3779, 0.0383

Inverse Universe

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



33.3791, 42.1728, 56.2500



56.2858, 73.4997, 101.5806



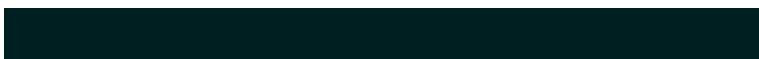
25.9416, 27.2978, 53.7709



10.3042, 11.2997, 12.9228



17.1540, 24.0644, 37.2974



0.7601, 1.0777, 1.6178

Previews

White Background



This preview shows how the XYZ color 30.6293, 24.5721, 17.5965 looks on a white background.

Color Contrast Check

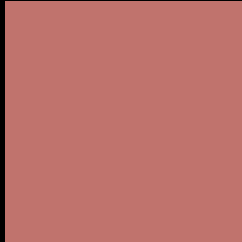
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6293, 24.5721, 17.5965 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 30.6293, 24.5721, 17.5965

Background



This preview shows how black text looks on a background with the XYZ color 30.6293, 24.5721, 17.5965.



This preview shows how white text looks on a background with the XYZ color 30.6293, 24.5721,

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

30.6293, 24.5721, 17.5965

Protanopia

23.4616, 24.7799, 20.9992

Deuteranopia

25.2150, 24.7468, 17.0833



Tritanopia

31.3486, 24.5282, 21.1713

Trichromacy



Original Color

30.6293, 24.5721, 17.5965

Protanomaly

25.5116, 24.2532, 19.5564

Deuteranomaly

27.0007, 24.4994, 17.2157

Tritanomaly

31.2205, 24.6564, 19.9433

Monochromacy



Original Color

30.6293, 24.5721, 17.5965

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.5856, 24.4009, 23.4400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6293, 24.5721, 17.5965 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(192, 115, 109)` looks like.

```
.text, #text, p{  
    color:rgb(192, 115, 109)  
}
```

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(192, 115, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 115, 109) }
```

Border

The CSS property to change the border of an element to XYZ 30.6293, 24.5721, 17.5965 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(192, 115, 109) }
```


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

```
.border{ border-color:rgb(192, 115, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 115, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 115, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 115, 109);  
box-shadow:4px 4px 4px 4px rgb(192, 115,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6293, 24.5721, 17.5965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 115, 109) }
```

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

```
.background{ background-color: rgb(192,  
115, 109) }
```

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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