

Converting Colors

XYZ(30.3041, 21.2502, 26.6454)

Have a look what the booklet for
XYZ(30.3041, 21.2502, 26.6454)
contains.

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Color

**XYZ(30.2562, 21.2771,
26.5570)**

Conversions

Conversions Part 1

Format	Color
Hex	BF608A
RGB	191, 96, 138
RGB Percent	75%, 38%, 54%
CMY	0.2510, 0.6235, 0.4588
CMYK	0.00, 0.50, 0.28, 0.25
HSL	333°, 43%, 56%
HSV	333°, 50%, 75%
XYZ	30.2562, 21.2771, 26.5570
YIQ	129.1930, 43.1380, 33.2020

Conversions

Conversions Part 2

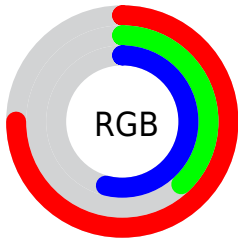
Format	Color
R _Y B	191, 96, 138
Decimal	12542090
CIE Lab	53.25, 42.90, -5.56
CIE LCh	53, 43.260, 352.615
Yxy	21.2771, 0.3875, 0.2725
Android (android.graphics.Color)	4290732170 (0xFFBF608A)
YUV	129.1930, 4.3419, 54.2047
Hunter-Lab	46.1271, 36.3612, -1.8464

Details

The XYZ color **30.2562, 21.2771, 26.5570** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **28.8805, 41.9189, 35.0049**, and the grayscale version is **20.9092, 21.9981, 23.9559**.

A 20% lighter version of the original color is **59.2183, 45.3962, 54.9314**, and **12.6538, 7.6568, 10.0435** is the 20% darker color. If you saturate the color by 10%, you get **27.9865, 17.9122, 22.1789**, and if you desaturate by 10%, it is **33.0262, 25.5209, 31.4758**.

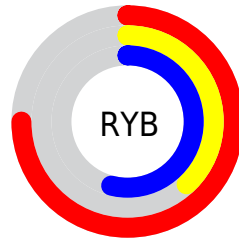
Distribution



Red (75%)

Green (38%)

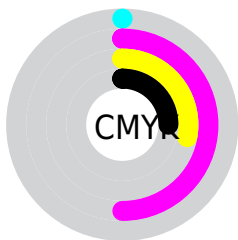
Blue (54%)



Red (75%)

Yellow (38%)

Blue (54%)

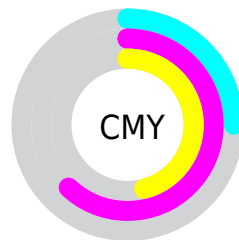


Cyan (0%)

Magenta (50%)

Yellow (28%)

Black (25%)



Cyan (25%)


Magenta (62%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.2562, 21.2771, 26.5570 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 30.2562, 21.2771, 26.5570 by changing the saturation by 10% instead.

 30.2562, 21.2771,
26.5570


 30.2562, 21.2771,
26.5570


294.9853,
258.7475, 299.1978


 20.1822, 13.3267,
17.0113


 59.4510, 45.5483,
55.1672


 12.6366, 7.6539,
10.0805


 79.3024, 62.6378,
75.0689

 7.2540, 3.8743,
5.3461


 103.1437, 83.5425,
99.2596

 3.6692, 1.6035,
2.3894

 131.3402,
108.6468, 128.1578

 1.5168, 0.3600,
0.7807

164.2572,
138.3350, 162.1823

 0.3372, 0.0000,
0.0000

202.2602,

 0.0000, 0.0000,

172.9916, 201.7514

0.0000

245.7144,
213.0010, 247.2837

■ 30.2562, 21.2771,
26.5570

■ 30.2562, 21.2771,
26.5570

■ 27.9865, 17.9122,
22.1789

■ 33.0262, 25.5209,
31.4758

■ 26.1818, 15.3600,
18.3185

■ 36.3247, 30.6976,
36.9543

■ 24.8050, 13.5494,
14.9523


■ 40.1801, 36.8602,
43.0122


■ 23.8119, 12.3960,
12.0538


■ 44.6179, 44.0570,
49.6673


■ 23.1200, 11.7388,
9.5832


■ 49.6623, 52.3330,
56.9370

 23.1034, 11.7234,
9.5227

 55.3358, 61.7306,
64.8377

 61.6598, 72.2899,
73.3851

 68.6548, 84.0490,
82.5943

 72.0839, 88.5316,
91.0613

Harmonies

Analogous

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



28.0450, 21.2771, 42.0666



30.2562, 21.2771, 26.5570



29.4741, 21.2771, 14.7704

Triad

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



30.2562, 21.2771, 26.5570



17.0271, 21.2771, 6.8297



15.3406, 21.2771, 49.4885

Complementary

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



30.2562, 21.2771, 26.5570



28.8805, 41.9189, 35.0049

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.



13.1441, 21.2771, 34.2620



30.2562, 21.2771, 26.5570



14.0105, 21.2771, 10.9946

Square

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



30.2562, 21.2771, 26.5570



21.3746, 21.2771, 6.0928



12.6967, 21.2771, 20.0788



19.1140, 21.2771, 58.1872

Rectangle

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



30.2562, 21.2771, 26.5570



27.4086, 21.2771, 9.9581



12.6967, 21.2771, 20.0788



14.4182, 21.2771, 44.7411

Sweetspot

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



30.2568, 21.2782, 26.5574



75.4059, 71.5801, 82.2619



25.8459, 18.4478, 51.4890



16.1938, 15.1283, 17.5133



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.



30.2568, 21.2782, 26.5574



49.6880, 31.4504, 38.8341



28.2275, 21.1809, 13.6682



9.7007, 9.6046, 10.8127



15.2223, 7.7201, 6.4644



0.6292, 0.3156, 0.4266

Inverse Universe

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



30.2568, 21.2782, 26.5574



49.6880, 31.4504, 38.8341



31.8402, 41.4722, 55.6172



9.7007, 9.6046, 10.8127



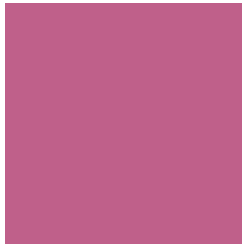
15.2223, 7.7201, 6.4644



0.6292, 0.3156, 0.4266

Previews

White Background



This preview shows how the XYZ color 30.2562, 21.2771, 26.5570 looks on a white background.

Color Contrast Check

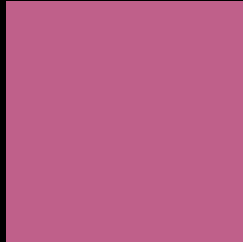
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.2562, 21.2771, 26.5570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

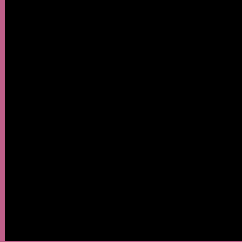
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.2562, 21.2771, 26.5570

Background



This preview shows how black text looks on a background with the XYZ color 30.2562, 21.2771, 26.5570.



This preview shows how white text looks on a background with the XYZ color 30.2562, 21.2771,

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

30.2562, 21.2771, 26.5570

Protanopia

21.3781, 21.3834, 35.3484

Deuteranopia

21.7578, 21.4271, 25.1794



Tritanopia

28.2507, 21.2982, 17.0900

Trichromacy



Original Color

30.2562, 21.2771, 26.5570

Protanomaly

23.5707, 20.6068, 32.0134

Deuteranomaly

24.2951, 20.9520, 25.6853

Tritanomaly

28.9336, 21.2892, 20.3536

Monochromacy



Original Color

30.2562, 21.2771, 26.5570

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

23.4750, 21.0639, 24.6583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2562, 21.2771, 26.5570 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, 96, 138)` looks like.

```
.text, #text, p{  
    color:rgb(191, 96, 138)  
}
```

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, 96, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 96, 138) }
```

Border

The CSS property to change the border of an element to XYZ 30.2562, 21.2771, 26.5570 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, 96, 138) }
```


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

```
.border{ border-color:rgb(191, 96, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 96, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 96, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 96, 138);  
box-shadow:4px 4px 4px 4px rgb(191, 96,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2562, 21.2771, 26.5570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 96, 138) }
```

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

```
.background{ background-color: rgb(191, 96,  
138) }
```

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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