

Converting Colors

XYZ(30.6113, 20.7039, 48.2380)

Have a look what the booklet for
XYZ(30.6113, 20.7039, 48.2380)
contains.

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Color

**XYZ(30.6642, 20.7383,
48.2857)**

Conversions

Conversions Part 1

Format	Color
Hex	B05EB9
RGB	176, 94, 185
RGB Percent	69%, 37%, 73%
CMY	0.3098, 0.6314, 0.2745
CMYK	0.05, 0.49, 0.00, 0.27
HSL	294°, 39%, 55%
HSV	294°, 49%, 73%
XYZ	30.6642, 20.7383, 48.2857
YIQ	128.8920, 19.6610, 45.6850

Conversions

Conversions Part 2

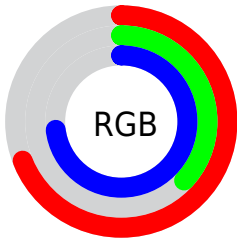
Format	Color
R _Y B	176, 94, 185
Decimal	11558585
CIE Lab	52.66, 46.97, -34.13
CIE LCh	53, 58.063, 323.994
Yxy	20.7383, 0.3076, 0.2080
Android (android.graphics.Color)	4289748665 (0xFFB05EB9)
YUV	128.8920, 27.6612, 41.3137
Hunter-Lab	45.5393, 40.5003, -30.9881

Details

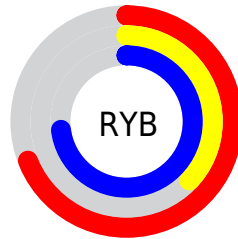
The XYZ color **30.6642, 20.7383, 48.2857** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **24.9635, 38.3902, 16.6849**, and the grayscale version is **20.7307, 21.8103, 23.7514**.

A 20% lighter version of the original color is **59.9152, 44.5419, 88.6587**, and **12.8099, 7.3596, 22.2181** is the 20% darker color. If you saturate the color by 10%, you get **28.8013, 17.6220, 47.7827**, and if you desaturate by 10%, it is **32.9283, 24.6477, 48.9213**.

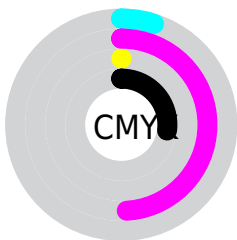
Distribution



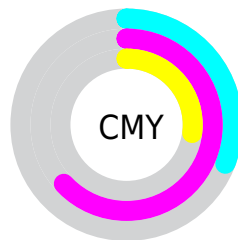
- Red (69%)
- Green (37%)
- Blue (73%)



- Red (69%)
- Yellow (37%)
- Blue (73%)



- Cyan (5%)
- Magenta (49%)
- Yellow (0%)
- Black (27%)



- Cyan (31%)
- Magenta (63%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6642, 20.7383, 48.2857 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 30.6642, 20.7383, 48.2857 by changing the saturation by 10% instead.

■ 30.6642, 20.7383,
48.2857

■ 30.6642, 20.7383,
48.2857

296.8429,
255.8844, 396.4648

■ 20.4939, 12.9328,
33.6916

■ 60.0904, 44.6516,
88.9996

■ 12.8649, 7.3823,
22.3813

■ 80.0771, 61.5282,
115.9565

■ 7.4119, 3.7023,
13.9364

■ 104.0665, 82.1973,
147.8714

■ 3.7696, 1.5085,
7.9382

■ 132.4240,
107.0434, 185.1628

■ 1.5726, 0.2947,
3.9682

165.5151,
136.4507, 228.2493

■ 0.3745, 0.0000,
1.6079

203.7050,

■ 0.0000, 0.0000,

170.8037, 277.5495

0.2965

247.3592,
210.4868, 333.4818

■ 0.0000, 0.0000,
0.0000

■ 30.6642, 20.7383,
48.2857

■ 30.6642, 20.7383,
48.2857

■ 28.8013, 17.6220,
47.7827

■ 32.9283, 24.6477,
48.9213

■ 27.3089, 15.2389,
47.4014

■ 35.6174, 29.3991,
49.6967

■ 26.1550, 13.5248,
47.1313


■ 38.7556, 35.0407,
50.6202


■ 25.3016, 12.4033,
46.9598


■ 42.3650, 41.6162,
51.6991


■ 24.6788, 11.7350,
46.8637


■ 46.4660, 49.1663,
52.9403

 24.6312, 11.6862,
46.8568

 51.0777, 57.7296,
54.3501

 56.2184, 67.3424,
55.9347

 61.9054, 78.0392,
57.6996

 66.3738, 86.2904,
59.0567

Harmonies

Analogous

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



24.8150, 20.7383, 68.5674



30.6642, 20.7383, 48.2857



33.6462, 20.7383, 26.2386

Triad

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



30.6642, 20.7383, 48.2857



20.9502, 20.7383, 3.0347



10.8985, 20.7383, 38.9647

Complementary

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



30.6642, 20.7383, 48.2857



24.9635, 38.3902, 16.6849

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.



10.2783, 20.7383, 19.2793



30.6642, 20.7383, 48.2857



15.3600, 20.7383, 3.7962

Square

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



30.6642, 20.7383, 48.2857



27.3480, 20.7383, 4.9567



11.7369, 20.7383, 8.1388



13.6474, 20.7383, 61.5324

Rectangle

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



30.6642, 20.7383, 48.2857



33.2470, 20.7383, 15.4614



11.7369, 20.7383, 8.1388



10.4611, 20.7383, 31.6054

Sweetspot

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



30.6649, 20.7392, 48.2861



71.8559, 67.1956, 91.3874



18.2341, 15.6038, 47.9501



15.2075, 13.9715, 19.6168



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.6649, 20.7392, 48.2861



51.3517, 31.1833, 85.5171



29.4039, 20.4777, 30.6703



9.2911, 9.1164, 11.3494



16.8061, 7.9751, 31.9066



0.6179, 0.2943, 1.1260

Inverse Universe

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



26.4591, 19.2998, 15.1634



43.1664, 28.4358, 18.6196



26.0219, 38.7006, 27.3595



9.0397, 9.0263, 9.5567



13.7124, 7.0587, 1.1061



0.4955, 0.2537, 0.1025

Previews

White Background



This preview shows how the XYZ color 30.6642, 20.7383, 48.2857 looks on a white background.

Color Contrast Check

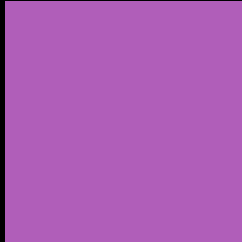
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6642, 20.7383, 48.2857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

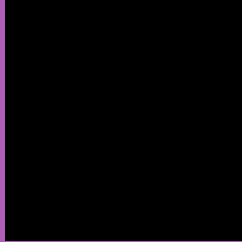
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.6642, 20.7383, 48.2857

Background



This preview shows how black text looks on a background with the XYZ color 30.6642, 20.7383, 48.2857.



This preview shows how white text looks on a background with the XYZ color 30.6642, 20.7383,

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

30.6642, 20.7383, 48.2857

Protanopia

22.9323, 20.9927, 63.8161

Deuteranopia

21.4142, 20.9861, 45.5699



Tritanopia

24.7823, 20.6754, 19.8241

Trichromacy



Original Color

30.6642, 20.7383, 48.2857

Protanomaly

24.2219, 19.8703, 57.8171

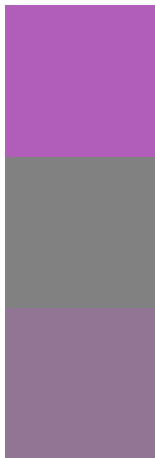
Deuteranomaly

23.7179, 20.1961, 46.3642

Tritanomaly

26.4104, 20.3997, 28.1367

Monochromacy



Original Color

30.6642, 20.7383, 48.2857

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

23.5243, 20.7717, 31.2032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6642, 20.7383, 48.2857 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(176, 94, 185)` looks like.

```
.text, #text, p{  
    color:rgb(176, 94, 185)  
}
```

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(176, 94, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 94, 185) }
```

Border

The CSS property to change the border of an element to XYZ 30.6642, 20.7383, 48.2857 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(176, 94, 185) }
```


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

```
.border{ border-color:rgb(176, 94, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 94, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 94, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 94, 185);  
box-shadow:4px 4px 4px 4px rgb(176, 94,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6642, 20.7383, 48.2857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 94, 185) }
```

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

```
.background{ background-color: rgb(176, 94,  
185) }
```

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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