

Converting Colors

XYZ(30.5757, 22.9861, 22.5910)

Have a look what the booklet for
XYZ(30.5757, 22.9861, 22.5910)
contains.

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Color

**XYZ(30.6582, 23.0209,
22.5663)**

Conversions

Conversions Part 1

Format	Color
Hex	C06A7E
RGB	192, 106, 126
RGB Percent	75%, 42%, 49%
CMY	0.2471, 0.5843, 0.5059
CMYK	0.00, 0.45, 0.34, 0.25
HSL	346°, 41%, 58%
HSV	346°, 45%, 75%
XYZ	30.6582, 23.0209, 22.5663
YIQ	133.9940, 44.8360, 24.4520

Conversions

Conversions Part 2

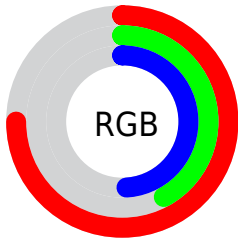
Format	Color
R_{YB}	192, 106, 126
Decimal	12610174
CIE Lab	55.09, 36.47, 4.22
CIE LCh	55, 36.708, 6.598
Yxy	23.0209, 0.4021, 0.3019
Android (android.graphics.Color)	4290800254 (0xFFC06A7E)
YUV	133.9940, -3.9410, 50.8713
Hunter-Lab	47.9801, 30.0923, 5.7004

Details

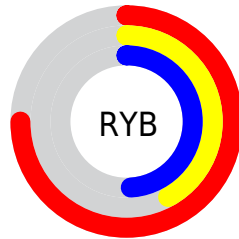
The XYZ color **30.6582, 23.0209, 22.5663** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **32.2410, 43.7426, 45.7760**, and the grayscale version is **22.6609, 23.8410, 25.9629**.

A 20% lighter version of the original color is **59.9592, 48.3749, 48.8249**, and **12.9071, 8.5984, 8.0006** is the 20% darker color. If you saturate the color by 10%, you get **28.0146, 19.1450, 17.3344**, and if you desaturate by 10%, it is **33.8861, 27.8410, 28.6845**.

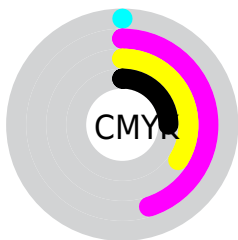
Distribution



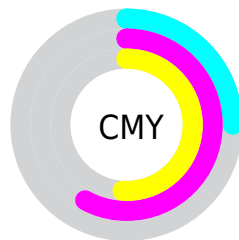
- Red (75%)
- Green (42%)
- Blue (49%)



- Red (75%)
- Yellow (42%)
- Blue (49%)



- Cyan (0%)
- Magenta (45%)
- Yellow (34%)
- Black (25%)




- Cyan (25%)
- Magenta (58%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.6582, 23.0209, 22.5663 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 30.6582, 23.0209, 22.5663 by changing the saturation by 10% instead.


 30.6582, 23.0209,
22.5663


 30.6582, 23.0209,
22.5663


296.8156,
267.8323, 278.5389


 20.4893, 14.6089,
14.0713


 60.0810, 48.4276,
48.5943


 12.8615, 8.5454,
8.0310


 80.0657, 66.1912,
66.9645

 7.4096, 4.4459,
4.0267


 104.0529, 87.8408,
89.4634

 3.7681, 1.9260,
1.6400

 132.4081,
113.7607, 116.5097

 1.5718, 0.5639,
0.3191

165.4966,
144.3355, 148.5218

 0.3739, 0.0000,
0.0000

203.6838,

 0.0000, 0.0000,

179.9494, 185.9184

0.0000

247.3350,
220.9869, 229.1179

■ 30.6582, 23.0209,
22.5663

■ 30.6582, 23.0209,
22.5663

■ 28.0146, 19.1450,
17.3344

■ 33.8861, 27.8410,
28.6845

■ 25.9174, 16.1475,
12.9454

■ 37.7292, 33.6585,
35.7268

■ 24.3271, 13.9598,
9.3539


■ 42.2186, 40.5265,
43.7306


■ 23.1976, 12.5013,
6.5097


■ 47.3827, 48.4936,
52.7305


■ 22.4740, 11.6745,
4.3559

■ 53.2479, 57.6053,
62.7596

 22.2051, 11.3932,
3.4756

 59.8397, 67.9042,
73.8493

 67.1818, 79.4312,
86.0298

 73.8101, 89.2512,
98.8342

 75.5483, 89.9465,
107.9873

Harmonies

Analogous

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



29.9195, 23.0209, 35.1163



30.6582, 23.0209, 22.5663



28.8202, 23.0209, 13.8942

Triad

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



30.6582, 23.0209, 22.5663



17.5195, 23.0209, 10.9847



18.9038, 23.0209, 51.9337

Complementary

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



30.6582, 23.0209, 22.5663



32.2410, 43.7426, 45.7760

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.



16.1554, 23.0209, 41.0319



30.6582, 23.0209, 22.5663



15.4285, 23.0209, 17.1432

Square

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



30.6582, 23.0209, 22.5663



20.9896, 23.0209, 8.6904



14.9621, 23.0209, 27.7435



22.7967, 23.0209, 54.7514

Rectangle

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



30.6582, 23.0209, 22.5663



26.5012, 23.0209, 10.5742



14.9621, 23.0209, 27.7435



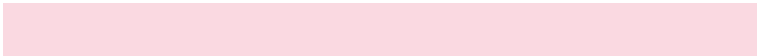
17.8311, 23.0209, 48.9579

Sweetspot

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



30.6588, 23.0220, 22.5667



77.8940, 75.5788, 81.6932



31.6680, 22.8782, 52.6162



16.2905, 15.5680, 16.7861



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.



30.6588, 23.0220, 22.5667



50.7281, 34.6422, 31.3425



32.1821, 27.9312, 17.3322



10.1670, 10.1154, 10.9701



14.9670, 7.6766, 2.4724



0.6742, 0.3427, 0.2520

Inverse Universe

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



30.6588, 23.0220, 22.5667



50.7281, 34.6422, 31.3425



29.6596, 35.2716, 55.1142



10.1670, 10.1154, 10.9701



14.9670, 7.6766, 2.4724



0.6742, 0.3427, 0.2520

Previews

White Background



This preview shows how the XYZ color 30.6582, 23.0209, 22.5663 looks on a white background.

Color Contrast Check

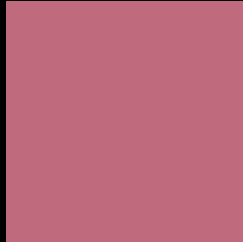
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6582, 23.0209, 22.5663 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 30.6582, 23.0209, 22.5663

Background



This preview shows how black text looks on a background with the XYZ color 30.6582, 23.0209, 22.5663.



This preview shows how white text looks on a background with the XYZ color 30.6582, 23.0209,

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

30.6582, 23.0209, 22.5663

Protanopia

22.5747, 23.3311, 28.5128

Deuteranopia

23.6264, 23.2330, 21.6515



Tritanopia

30.0008, 23.0624, 19.3933

Trichromacy



Original Color

30.6582, 23.0209, 22.5663

Protanomaly

24.8533, 22.8135, 26.3861

Deuteranomaly

25.8087, 22.8623, 21.7915

Tritanomaly

30.1337, 22.9478, 20.6105

Monochromacy



Original Color

30.6582, 23.0209, 22.5663

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.8220, 23.0226, 24.6083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6582, 23.0209, 22.5663 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, 106, 126)` looks like.

```
.text, #text, p{  
    color:rgb(192, 106, 126)  
}
```

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, 106, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 106, 126) }
```

Border

The CSS property to change the border of an element to XYZ 30.6582, 23.0209, 22.5663 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, 106, 126) }
```


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

```
.border{ border-color:rgb(192, 106, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 106, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 106, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 106, 126); box-shadow:4px 4px 4px 4px rgb(192, 106, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6582, 23.0209, 22.5663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 106, 126) }
```

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

```
.background{ background-color: rgb(192,  
106, 126) }
```

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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