

Converting Colors

XYZ(30.1534, 20.2173, 26.6935)

Have a look what the booklet for
XYZ(30.1534, 20.2173, 26.6935)
contains.

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Color

**XYZ(30.1422, 20.1810,
26.7327)**

Conversions

Conversions Part 1

Format	Color
Hex	C1588B
RGB	193, 88, 139
RGB Percent	76%, 35%, 55%
CMY	0.2431, 0.6549, 0.4549
CMYK	0.00, 0.54, 0.28, 0.24
HSL	331°, 46%, 55%
HSV	331°, 54%, 76%
XYZ	30.1422, 20.1810, 26.7327
YIQ	125.2090, 46.2090, 38.1210

Conversions

Conversions Part 2

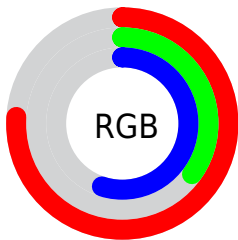
Format	Color
R _Y B	193, 88, 139
Decimal	12671115
CIE Lab	52.04, 47.69, -7.92
CIE LCh	52, 48.342, 350.568
Yxy	20.1810, 0.3912, 0.2619
Android (android.graphics.Color)	4290861195 (0xFFC1588B)
YUV	125.2090, 6.7990, 59.4527
Hunter-Lab	44.9233, 41.1526, -3.8357

Details

The XYZ color **30.1422, 20.1810, 26.7327** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **27.9780, 42.1681, 32.2581**, and the grayscale version is **19.5310, 20.5481, 22.3769**.

A 20% lighter version of the original color is **59.3323, 43.8472, 55.2054**, and **12.5285, 7.0996, 10.1612** is the 20% darker color. If you saturate the color by 10%, you get **28.0698, 17.1446, 22.6245**, and if you desaturate by 10%, it is **32.7010, 24.0844, 31.3283**.

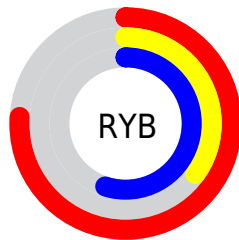
Distribution



Red (76%)

Green (35%)

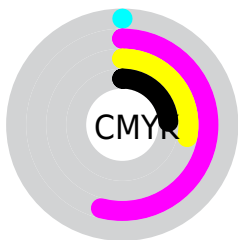
Blue (55%)



Red (76%)

Yellow (35%)

Blue (55%)

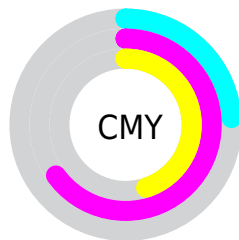


Cyan (0%)

Magenta (54%)

Yellow (28%)

Black (24%)



Cyan (24%)


Magenta (65%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1422, 20.1810, 26.7327 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 30.1422, 20.1810, 26.7327 by changing the saturation by 10% instead.

 30.1422, 20.1810,
26.7327


 30.1422, 20.1810,
26.7327


294.4647,
252.8933, 300.0797


 20.0952, 12.5267,
17.1419

 59.2721, 43.7204,
55.4532


 12.5729, 7.1034,
10.1727


 79.0856, 60.3743,
75.4199

 7.2101, 3.5269,
5.4065


 102.8854, 80.7969,
99.6824

 3.6413, 1.4126,
2.4248

 131.0367,
105.3725, 128.6591

 1.5013, 0.2260,
0.7999

163.9049,
134.4856, 162.7687

 0.3267, 0.0000,
0.0000

201.8554,

 0.0000, 0.0000,

168.5204, 202.4296

0.0000

245.2535,
207.8616, 248.0604

■ 30.1422, 20.1810,
26.7327

■ 30.1422, 20.1810,
26.7327

■ 28.0698, 17.1446,
22.6245

■ 32.7010, 24.0844,
31.3283

■ 26.4464, 14.9037,
18.9822

■ 35.7762, 28.9128,
36.4291

■ 25.2316, 13.3803,
15.7835

■ 39.3975, 34.7226,
42.0531

■ 24.3761, 12.4789,
13.0025

■ 43.5916, 41.5649,
48.2170

■ 24.0010, 12.1409,
11.6065

■ 48.3835, 49.4873,
54.9366

■ 53.7967, 58.5341,
62.2268

■ 59.8532, 68.7475,
70.1022

■ 66.5741, 80.1672,
78.5764

■ 71.8027, 88.4776,
86.9374

Harmonies

Analogous

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



27.4798, 20.1810, 44.1375



30.1422, 20.1810, 26.7327



29.5029, 20.1810, 13.7452

Triad

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



30.1422, 20.1810, 26.7327



16.0384, 20.1810, 5.0911



13.7656, 20.1810, 50.3415

Complementary

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



30.1422, 20.1810, 26.7327



27.9780, 42.1681, 32.2581

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.



11.6009, 20.1810, 32.9654



30.1422, 20.1810, 26.7327



12.7485, 20.1810, 8.8417

Square

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



30.1422, 20.1810, 26.7327



20.7782, 20.1810, 4.5936



11.2636, 20.1810, 17.8159



17.6687, 20.1810, 61.1404

Rectangle

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



30.1422, 20.1810, 26.7327



27.3265, 20.1810, 8.6188



11.2636, 20.1810, 17.8159



12.8408, 20.1810, 44.7976

Sweetspot

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



30.1428, 20.1820, 26.7331



76.6042, 72.0332, 84.2411



24.0161, 16.4500, 52.3615



16.0902, 14.8907, 17.5723



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.



30.1428, 20.1820, 26.7331



49.7503, 29.9638, 39.4101



27.2443, 19.0226, 11.4697



10.2724, 10.1576, 11.5252



16.0036, 8.0912, 7.9308



0.7263, 0.3635, 0.5260

Inverse Universe

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



30.1428, 20.1820, 26.7331



49.7503, 29.9638, 39.4101



32.7207, 44.0652, 57.2330



10.2724, 10.1576, 11.5252



16.0036, 8.0912, 7.9308



0.7263, 0.3635, 0.5260

Previews

White Background



This preview shows how the XYZ color 30.1422, 20.1810, 26.7327 looks on a white background.

Color Contrast Check

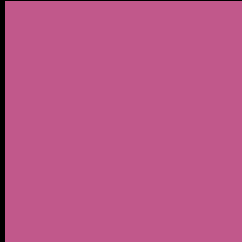
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1422, 20.1810, 26.7327 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 30.1422, 20.1810, 26.7327

Background



This preview shows how black text looks on a background with the XYZ color 30.1422, 20.1810, 26.7327.



This preview shows how white text looks on a background with the XYZ color 30.1422, 20.1810,

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

30.1422, 20.1810, 26.7327

Protanopia

20.6332, 20.3877, 37.4981

Deuteranopia

20.8133, 20.3825, 25.3915



Tritanopia

27.8163, 20.2722, 15.0172

Trichromacy



Original Color

30.1422, 20.1810, 26.7327

Protanomaly

22.7364, 19.3246, 33.1035

Deuteranomaly

23.4301, 19.6834, 25.8569

Tritanomaly

28.4947, 20.1429, 18.6058

Monochromacy



Original Color

30.1422, 20.1810, 26.7327

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

22.4011, 19.6841, 23.7378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1422, 20.1810, 26.7327 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(193, 88, 139)` looks like.

```
.text, #text, p{  
    color:rgb(193, 88, 139)  
}
```

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(193, 88, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 88, 139) }
```

Border

The CSS property to change the border of an element to XYZ 30.1422, 20.1810, 26.7327 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(193, 88, 139) }
```


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

```
.border{ border-color:rgb(193, 88, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 88, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 88, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 88, 139);  
box-shadow:4px 4px 4px 4px rgb(193, 88,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1422, 20.1810, 26.7327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 88, 139) }
```

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

```
.background{ background-color: rgb(193, 88,  
139) }
```

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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