

Converting Colors

XYZ(29.2460, 20.1783, 25.4940)

Have a look what the booklet for
XYZ(29.2460, 20.1783, 25.4940)
contains.

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Color

**XYZ(29.1713, 20.0786,
25.6306)**

Conversions

Conversions Part 1

Format	Color
Hex	BD5B88
RGB	189, 91, 136
RGB Percent	74%, 36%, 53%
CMY	0.2588, 0.6431, 0.4667
CMYK	0.00, 0.52, 0.28, 0.26
HSL	332°, 43%, 55%
HSV	332°, 52%, 74%
XYZ	29.1713, 20.0786, 25.6306
YIQ	125.4320, 43.9630, 34.7710

Conversions

Conversions Part 2

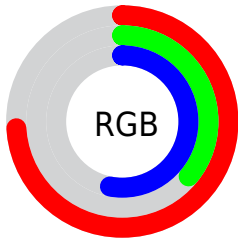
Format	Color
R_{YB}	189, 91, 136
Decimal	12409736
CIE _{Lab}	51.93, 44.48, -6.38
CIE _{LCh}	52, 44.939, 351.844
Yxy	20.0786, 0.3896, 0.2681
Android (android.graphics.Color)	4290599816 (0xFFBD5B88)
YUV	125.4320, 5.2100, 55.7491
Hunter-Lab	44.8092, 37.7896, -2.5472

Details

The XYZ color **29.1713, 20.0786, 25.6306** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **27.5471, 40.6335, 32.7789**, and the grayscale version is **19.6119, 20.6333, 22.4696**.

A 20% lighter version of the original color is **57.5163, 43.3948, 53.4887**, and **12.0457, 7.0447, 9.5290** is the 20% darker color. If you saturate the color by 10%, you get **27.0622, 16.9679, 21.5126**, and if you desaturate by 10%, it is **31.7577, 24.0327, 30.2499**.

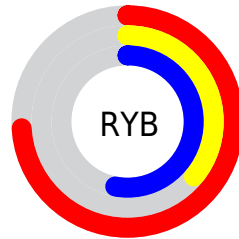
Distribution



Red (74%)

Green (36%)

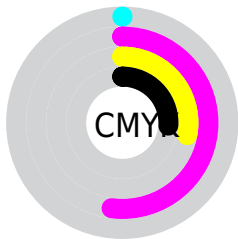
Blue (53%)



Red (74%)

Yellow (36%)

Blue (53%)

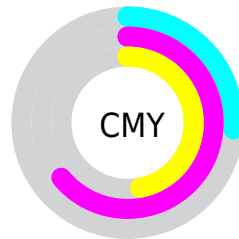


Cyan (0%)

Magenta (52%)

Yellow (28%)

Black (26%)



Cyan (26%)


Magenta (64%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.1713, 20.0786, 25.6306 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 29.1713, 20.0786, 25.6306 by changing the saturation by 10% instead.


 29.1713, 20.0786,
25.6306


 29.1713, 20.0786,
25.6306


290.0020,
252.3403, 294.5115


 19.3554, 12.4522,
16.3242


 57.7448, 43.5489,
53.6552


 12.0329, 7.0524,
9.5970


 77.2331, 60.1616,
73.2104

 6.8384, 3.4949,
5.0305


 100.6763, 80.5386,
97.0190

 3.4067, 1.3952,
2.2061

 128.4396,
105.0641, 125.4995

 1.3723, 0.2132,
0.6779

160.8885,
134.1226, 159.0705

 0.2364, 0.0000,
0.0000

198.3883,

 0.0000, 0.0000,

168.0986, 198.1505

0.0000

241.3043,
207.3764, 243.1580

■ 29.1713, 20.0786,
25.6306

■ 29.1713, 20.0786,
25.6306

■ 27.0622, 16.9679,
21.5126

■ 31.7577, 24.0327,
30.2499

■ 25.3955, 14.6345,
17.8744

■ 34.8495, 28.8836,
35.3885

■ 24.1342, 13.0073,
14.6936

■ 38.4744, 34.6842,
41.0646

■ 23.2336, 12.0003,
11.9451

■ 42.6576, 41.4820,
47.2952

■ 22.6977, 11.5034,
9.9940

■ 47.4228, 49.3214,
54.0962

■ 52.7920, 58.2443,
61.4830

■ 58.7862, 68.2900,
69.4703

■ 65.4254, 79.4960,
78.0722

■ 70.7497, 87.9402,
86.6427

Harmonies

Analogous

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



26.8615, 20.0786, 41.3877



29.1713, 20.0786, 25.6306



28.4579, 20.0786, 13.7715

Triad

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



29.1713, 20.0786, 25.6306



15.9977, 20.0786, 5.8346



14.1536, 20.0786, 48.2231

Complementary

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



29.1713, 20.0786, 25.6306



27.5471, 40.6335, 32.7789

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.



12.0344, 20.0786, 32.6267



29.1713, 20.0786, 25.6306



12.9746, 20.0786, 9.7086

Square

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



29.1713, 20.0786, 25.6306



20.3582, 20.0786, 5.2145



11.6402, 20.0786, 18.4825



17.8643, 20.0786, 57.4351

Rectangle

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



29.1713, 20.0786, 25.6306



26.4076, 20.0786, 9.0043



11.6402, 20.0786, 18.4825



13.2577, 20.0786, 43.3153

Sweetspot

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



29.1719, 20.0796, 25.6310



72.9718, 68.7032, 79.6634



24.3013, 17.0210, 50.1488



15.3631, 14.2397, 16.6400



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



29.1719, 20.0796, 25.6310



48.0881, 29.8435, 37.7415



26.9019, 19.6282, 12.2696



9.7075, 9.6073, 10.8484



15.3094, 7.7549, 6.9227



0.6327, 0.3170, 0.4451

Inverse Universe

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



29.1719, 20.0796, 25.6310



48.0881, 29.8435, 37.7415



31.0032, 40.9043, 54.4055



9.7075, 9.6073, 10.8484



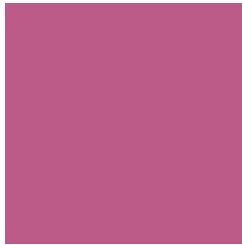
15.3094, 7.7549, 6.9227



0.6327, 0.3170, 0.4451

Previews

White Background



This preview shows how the XYZ color 29.1713, 20.0786, 25.6306 looks on a white background.

Color Contrast Check

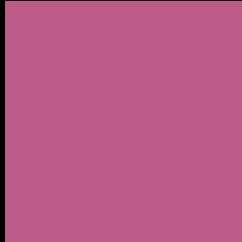
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1713, 20.0786, 25.6306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

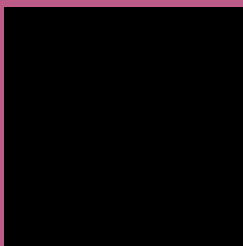
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.1713, 20.0786, 25.6306

Background



This preview shows how black text looks on a background with the XYZ color 29.1713, 20.0786, 25.6306.



This preview shows how white text looks on a background with the XYZ color 29.1713, 20.0786,

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

29.1713, 20.0786, 25.6306

Protanopia

20.3712, 20.3132, 34.7455

Deuteranopia

20.6070, 20.3000, 24.3049



Tritanopia

27.0231, 19.9880, 15.5305

Trichromacy



Original Color

29.1713, 20.0786, 25.6306

Protanomaly

22.4369, 19.3784, 30.9916

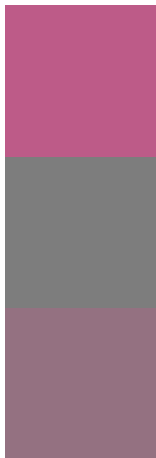
Deuteranomaly

22.9464, 19.6176, 24.7675

Tritanomaly

27.7381, 20.0102, 18.9234

Monochromacy



Original Color

29.1713, 20.0786, 25.6306

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

22.0803, 19.6911, 23.4059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1713, 20.0786, 25.6306 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(189, 91, 136)` looks like.

```
.text, #text, p{  
    color:rgb(189, 91, 136)  
}
```

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(189, 91, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 91, 136) }
```

Border

The CSS property to change the border of an element to XYZ 29.1713, 20.0786, 25.6306 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(189, 91, 136) }
```


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

```
.border{ border-color:rgb(189, 91, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 91, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 91, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 91, 136);  
box-shadow:4px 4px 4px 4px rgb(189, 91,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1713, 20.0786, 25.6306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 91, 136) }
```

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

```
.background{ background-color: rgb(189, 91,  
136) }
```

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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