

Converting Colors

XYZ(29.2573, 20.2507, 25.6593)

Have a look what the booklet for
XYZ(29.2573, 20.2507, 25.6593)
contains.

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Color

**XYZ(29.2573, 20.2507,
25.6593)**

Conversions

Conversions Part 1

Format	Color
Hex	BD5C88
RGB	189, 92, 136
RGB Percent	74%, 36%, 53%
CMY	0.2588, 0.6392, 0.4667
CMYK	0.00, 0.51, 0.28, 0.26
HSL	333°, 42%, 55%
HSV	333°, 51%, 74%
XYZ	29.2573, 20.2507, 25.6593
YIQ	126.0190, 43.6880, 34.2480

Conversions

Conversions Part 2

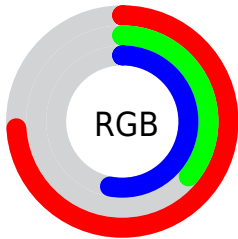
Format	Color
R_{YB}	189, 92, 136
Decimal	12409992
CIE _{Lab}	52.12, 43.98, -6.09
CIE _{LCh}	52, 44.401, 352.119
Yxy	20.2507, 0.3892, 0.2694
Android (android.graphics.Color)	4290600072 (0xFFBD5C88)
YUV	126.0190, 4.9206, 55.2343
Hunter-Lab	45.0008, 37.3006, -2.3064

Details

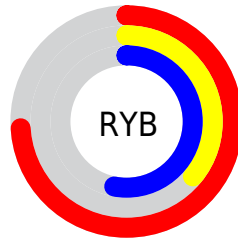
The XYZ color **29.2573, 20.2507, 25.6593** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **27.7230, 40.7153, 33.1878**, and the grayscale version is **19.8117, 20.8435, 22.6986**.

A 20% lighter version of the original color is **57.6685, 43.6991, 53.5394**, and **12.1114, 7.1760, 9.5509** is the 20% darker color. If you saturate the color by 10%, you get **27.1206, 17.0958, 21.4987**, and if you desaturate by 10%, it is **31.8743, 24.2527, 30.3293**.

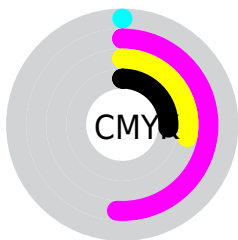
Distribution



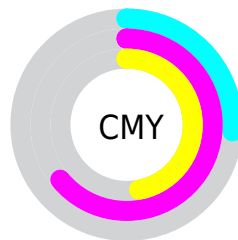
- Red (74%)
- Green (36%)
- Blue (53%)



- Red (74%)
- Yellow (36%)
- Blue (53%)



- Cyan (0%)
- Magenta (51%)
- Yellow (28%)
- Black (26%)



- Cyan (26%)
- Magenta (64%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2573, 20.2507, 25.6593 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 29.2573, 20.2507, 25.6593 by changing the saturation by 10% instead.

■ 29.2573, 20.2507,
25.6593

■ 29.2573, 20.2507,
25.6593

290.3994,
253.2691, 294.6576

■ 19.4208, 12.5774,
16.3455

■ 57.8804, 43.8371,
53.7021

■ 12.0805, 7.1382,
9.6119

■ 77.3977, 60.5190,
73.2682

■ 6.8711, 3.5487,
5.0402

■ 100.8726, 80.9726,
97.0887

■ 3.4273, 1.4245,
2.2117

■ 128.6705,
105.5822, 125.5823

■ 1.3835, 0.2346,
0.6811

161.1568,
134.7322, 159.1674

■ 0.2444, 0.0000,
0.0000

198.6968,

■ 0.0000, 0.0000,

168.8072, 198.2627

0.0000

241.6559,
208.1913, 243.2866

■ 29.2573, 20.2507,
25.6593

■ 29.2573, 20.2507,
25.6593

■ 27.1206, 17.0958,
21.4987

■ 31.8743, 24.2527,
30.3293

■ 25.4295, 14.7221,
17.8256

■ 34.9995, 29.1550,
35.5270

■ 24.1471, 13.0593,
14.6176

■ 38.6606, 35.0101,
41.2707

■ 23.2292, 12.0222,
11.8493

■ 42.8830, 41.8654,
47.5777

■ 22.6550, 11.4863,
9.7696

■ 47.6899, 49.7653,
54.4642

■ 53.1037, 58.7514,
61.9459

■ 59.1453, 68.8631,
70.0375

■ 65.8345, 80.1377,
78.7534

■ 70.8816, 87.9930,
87.3379

Harmonies

Analogous

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



26.9949, 20.2507, 41.2448



29.2573, 20.2507, 25.6593



28.5230, 20.2507, 13.9103

Triad

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



29.2573, 20.2507, 25.6593



16.1435, 20.2507, 6.0491



14.3686, 20.2507, 48.2628

Complementary

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



29.2573, 20.2507, 25.6593



27.7230, 40.7153, 33.1878

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.



12.2388, 20.2507, 32.8695



29.2573, 20.2507, 25.6593



13.1456, 20.2507, 9.9831

Square

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



29.2573, 20.2507, 25.6593



20.4700, 20.2507, 5.3968



11.8292, 20.2507, 18.7953



18.0751, 20.2507, 57.2547

Rectangle

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



29.2573, 20.2507, 25.6593



26.4782, 20.2507, 9.1709



11.8292, 20.2507, 18.7953



13.4702, 20.2507, 43.4330

Sweetspot

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



29.2579, 20.2517, 25.6597



73.7164, 69.9491, 80.6614



24.4685, 17.2350, 50.1811



15.5095, 14.4856, 16.8338



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.



29.2579, 20.2517, 25.6597



48.0127, 29.8133, 37.3444



27.0320, 19.8192, 12.5273



9.7052, 9.6064, 10.8368



15.2805, 7.7434, 6.7709



0.6316, 0.3165, 0.4390

Inverse Universe

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



29.2579, 20.2517, 25.6597



48.0127, 29.8133, 37.3444



31.1093, 40.9694, 54.4123



9.7052, 9.6064, 10.8368



15.2805, 7.7434, 6.7709



0.6316, 0.3165, 0.4390

Previews

White Background



This preview shows how the XYZ color 29.2573, 20.2507, 25.6593 looks on a white background.

Color Contrast Check

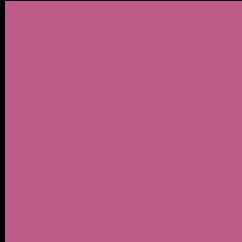
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2573, 20.2507, 25.6593 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 29.2573, 20.2507, 25.6593

Background



This preview shows how black text looks on a background with the XYZ color 29.2573, 20.2507, 25.6593.



This preview shows how white text looks on a background with the XYZ color 29.2573, 20.2507,

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

29.2573, 20.2507, 25.6593

Protanopia

20.6296, 20.6315, 34.7933

Deuteranopia

20.7656, 20.3818, 24.3123



Tritanopia

27.1672, 20.1944, 15.8306

Trichromacy



Original Color

29.2573, 20.2507, 25.6593



Protanomaly

22.5467, 19.5979, 31.0282



Deuteranomaly

23.1360, 19.7153, 24.7763



Tritanomaly

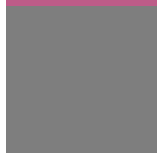
27.8288, 20.1915, 18.9536

Monochromacy



Original Color

29.2573, 20.2507, 25.6593



Achromatopsia

19.8309, 20.8637, 22.7206



Achromatomaly

22.4410, 20.0359, 23.8036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2573, 20.2507, 25.6593 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, 92, 136)` looks like.

```
.text, #text, p{  
    color:rgb(189, 92, 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, 92, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 92, 136) }
```

Border

The CSS property to change the border of an element to XYZ 29.2573, 20.2507, 25.6593 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, 92, 136) }
```


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

```
.border{ border-color:rgb(189, 92, 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, 92, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 92, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 92, 136); box-shadow:4px 4px 4px 4px rgb(189, 92, 136) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2573, 20.2507, 25.6593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 92, 136) }
```

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

```
.background{ background-color: rgb(189, 92,  
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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