

Converting Colors

XYZ(31.2733, 21.2718, 21.0373)

Have a look what the booklet for
XYZ(31.2733, 21.2718, 21.0373)
contains.

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Color

**XYZ(31.4036, 21.3297,
21.2008)**

Conversions

Conversions Part 1

Format	Color
Hex	C95B7B
RGB	201, 91, 123
RGB Percent	79%, 36%, 48%
CMY	0.2118, 0.6431, 0.5176
CMYK	0.00, 0.55, 0.39, 0.21
HSL	343°, 50%, 57%
HSV	343°, 55%, 79%
XYZ	31.4036, 21.3297, 21.2008
YIQ	127.5380, 55.2880, 33.2720

Conversions

Conversions Part 2

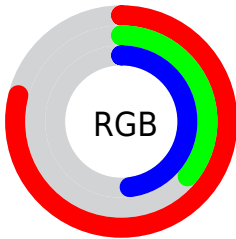
Format	Color
RYB	201, 91, 123
Decimal	13196155
CIELab	53.31, 46.92, 3.58
CIElCh	53, 47.054, 4.359
Yxy	21.3297, 0.4248, 0.2885
Android (android.graphics.Color)	4291386235 (0xFFC95B7B)
YUV	127.5380, -2.2372, 64.4262
Hunter-Lab	46.1841, 40.5517, 5.1118

Details

The XYZ color **31.4036, 21.3297, 21.2008** 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 **32.3636, 46.8625, 44.8784**, and the grayscale version is **20.3528, 21.4127, 23.3185**.

A 20% lighter version of the original color is **59.1033, 44.6059, 46.0522**, and **13.2593, 7.6708, 7.4384** is the 20% darker color. If you saturate the color by 10%, you get **29.0814, 18.0107, 16.3404**, and if you desaturate by 10%, it is **34.3170, 25.6230, 26.8996**.

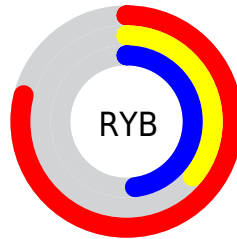
Distribution



Red (79%)

Green (36%)

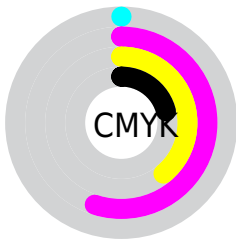
Blue (48%)



Red (79%)

Yellow (36%)

Blue (48%)

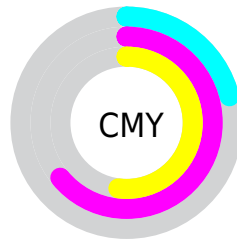


Cyan (0%)

Magenta (55%)

Yellow (39%)

Black (21%)



Cyan (21%)


Magenta (64%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.4036, 21.3297, 21.2008 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 31.4036, 21.3297, 21.2008 by changing the saturation by 10% instead.


 31.4036, 21.3297,
21.2008


 31.4036, 21.3297,
21.2008


300.1872,
259.0255, 271.1597


 21.0597, 13.3652,
13.0782


 61.2465, 45.6356,
46.3066


 13.2804, 7.6805,
7.3510


 81.4762, 62.7458,
64.1269

 7.7002, 3.8912,
3.6008

 105.7318, 83.6734,
86.0168

 3.9539, 1.6129,
1.4090

 134.3788,
108.8027, 112.3949

 1.6761, 0.3663,
0.1487

167.7825,
138.5182, 143.6797

 0.4412, 0.0000,
0.0000

206.3082,

 0.0000, 0.0000,

173.2042, 180.2897

0.0000

250.3213,
213.2452, 222.6436

■ 31.4036, 21.3297,
21.2008

■ 31.4036, 21.3297,
21.2008

■ 29.0814, 18.0107,
16.3404

■ 34.3170, 25.6230,
26.8996

■ 27.3054, 15.5853,
12.2754

■ 37.8586, 30.9564,
33.4745

■ 26.0266, 13.9649,
8.9598

■ 42.0643, 37.3938,
40.9622

■ 25.1856, 13.0411,
6.3420

■ 46.9668, 44.9929,
49.3967

■ 24.8630, 12.7277,
5.2117

■ 52.5965, 53.8073,
58.8104

■ 58.9819, 63.8875,
69.2340

■ 66.1502, 75.2810,
80.6969

■ 74.1271, 88.0327,
93.2272

■ 77.3043, 90.9203,
104.9744

Harmonies

Analogous

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



30.1937, 21.3297, 37.2338



31.4036, 21.3297, 21.2008



29.2540, 21.3297, 10.9268

Triad

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



31.4036, 21.3297, 21.2008



15.3331, 21.3297, 7.1408



16.4041, 21.3297, 57.7766

Complementary

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



31.4036, 21.3297, 21.2008



32.3636, 46.8625, 44.8784

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.



13.3489, 21.3297, 42.4041



31.4036, 21.3297, 21.2008



12.8054, 21.3297, 13.2607

Square

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



31.4036, 21.3297, 21.2008



19.5538, 21.3297, 5.2037



12.1431, 21.3297, 25.3729



21.0102, 21.3297, 62.7259

Rectangle

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



31.4036, 21.3297, 21.2008



26.3831, 21.3297, 7.3023



12.1431, 21.3297, 25.3729



15.1879, 21.3297, 53.4163

Sweetspot

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



31.4042, 21.3308, 21.2012



79.0740, 74.9491, 82.2992



30.4331, 20.0253, 57.5195



16.5367, 15.4386, 16.9522



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



31.4042, 21.3308, 21.2012



49.0434, 29.7957, 26.3302



31.8816, 24.9843, 13.0410



10.7586, 10.6868, 11.7123



15.6679, 8.0167, 3.4610



0.7740, 0.3925, 0.3332

Inverse Universe

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



31.4042, 21.3308, 21.2012



49.0434, 29.7957, 26.3302



30.9779, 38.6822, 61.0920



10.7586, 10.6868, 11.7123



15.6679, 8.0167, 3.4610



0.7740, 0.3925, 0.3332

Previews

White Background



This preview shows how the XYZ color 31.4036, 21.3297, 21.2008 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 31.4036, 21.3297, 21.2008 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 31.4036, 21.3297, 21.2008

Background



This preview shows how black text looks on a background with the XYZ color 31.4036, 21.3297, 21.2008.



This preview shows how white text looks on a background with the XYZ color 31.4036, 21.3297,

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

31.4036, 21.3297, 21.2008

Protanopia

21.0809, 21.5523, 29.4345

Deuteranopia

21.8546, 21.4032, 20.1189



Tritanopia

30.0437, 21.2858, 15.0955

Trichromacy



Original Color

31.4036, 21.3297, 21.2008

Protanomaly

23.5981, 20.5845, 26.0220

Deuteranomaly

24.5917, 20.7243, 20.4734

Tritanomaly

30.6366, 21.4106, 17.2698

Monochromacy



Original Color

31.4036, 21.3297, 21.2008

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

23.4142, 20.7364, 22.5071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4036, 21.3297, 21.2008 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(201, 91, 123)` looks like.

```
.text, #text, p{  
    color:rgb(201, 91, 123)  
}
```

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(201, 91, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 91, 123) }
```

Border

The CSS property to change the border of an element to XYZ 31.4036, 21.3297, 21.2008 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(201, 91, 123) }
```


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

```
.border{ border-color:rgb(201, 91, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 91, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 91, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 91, 123);  
box-shadow:4px 4px 4px 4px rgb(201, 91,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4036, 21.3297, 21.2008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 91, 123) }
```

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

```
.background{ background-color: rgb(201, 91,  
123) }
```

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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