

Converting Colors

XYZ(36.0076, 27.5691, 32.4203)

Have a look what the booklet for
XYZ(36.0076, 27.5691, 32.4203)
contains.

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Color

**XYZ(36.0708, 27.5764,
32.2758)**

Conversions

Conversions Part 1

Format	Color
Hex	C97696
RGB	201, 118, 150
RGB Percent	79%, 46%, 59%
CMY	0.2118, 0.5372, 0.4118
CMYK	0.00, 0.41, 0.25, 0.21
HSL	337°, 43%, 63%
HSV	337°, 41%, 79%
XYZ	36.0708, 27.5764, 32.2758
YIQ	146.4650, 39.1960, 27.5480

Conversions

Conversions Part 2

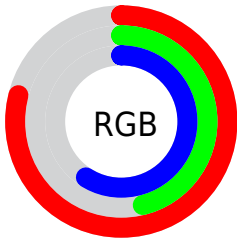
Format	Color
R_{YB}	201, 118, 150
Decimal	13203094
CIE _{Lab}	59.50, 36.55, -3.17
CIE _{LCh}	60, 36.689, 355.038
Yxy	27.5764, 0.3760, 0.2875
Android (android.graphics.Color)	4291393174 (0xFFC97696)
YUV	146.4650, 1.7428, 47.8272
Hunter-Lab	52.5132, 30.7116, 0.3183

Details

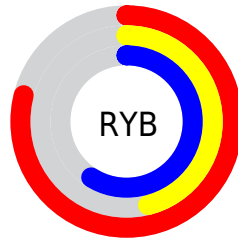
The XYZ color **36.0708, 27.5764, 32.2758** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **35.5205, 48.4900, 45.0259**, and the grayscale version is **27.4951, 28.9269, 31.5014**.

A 20% lighter version of the original color is **66.8916, 55.1247, 64.2413**, and **15.9363, 10.9349, 13.0751** is the 20% darker color. If you saturate the color by 10%, you get **33.0084, 22.9601, 26.6039**, and if you desaturate by 10%, it is **39.7440, 33.2460, 38.6691**.

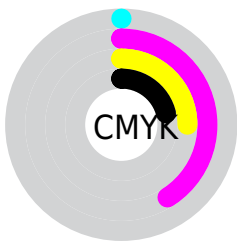
Distribution



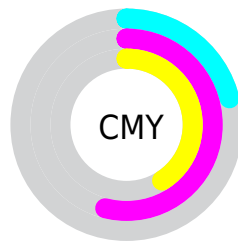
- Red (79%)
- Green (46%)
- Blue (59%)



- Red (79%)
- Yellow (46%)
- Blue (59%)



- Cyan (0%)
- Magenta (41%)
- Yellow (25%)
- Black (21%)





- Cyan (21%)
- Magenta (54%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0708, 27.5764, 32.2758 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 36.0708, 27.5764, 32.2758 by changing the saturation by 10% instead.

 36.0708, 27.5764,
32.2758


 36.0708, 27.5764,
32.2758


320.6957,
290.4372, 326.9051

 24.6592, 18.0066,
21.3057


 68.4645, 55.8074,
64.3461

 15.9507, 10.9547,
13.1542


 90.1773, 75.2374,
86.2834

 9.5799, 6.0364,
7.4029


 116.0546, 98.7230,
112.7135

 5.1815, 2.8672,
3.6331

146.4618,
126.6484, 144.0550

 2.3900, 1.0628,
1.4263

181.7641,
159.3982, 180.7263

 0.8401, 0.0000,
0.1621

222.3270,

 0.0000, 0.0000,

197.3566, 223.1461

0.0000

268.5157,
240.9082, 271.7328

■ 36.0708, 27.5764,
32.2758

■ 36.0708, 27.5764,
32.2758

■ 33.0084, 22.9601,
26.6039

■ 39.7440, 33.2460,
38.6691

■ 30.5188, 19.3270,
21.6241

■ 44.0581, 40.0249,
45.8083

■ 28.5633, 16.6051,
17.3068


■ 49.0442, 47.9702,
53.7186


■ 27.0972, 14.7103,
13.6195


■ 54.7303, 57.1338,
62.4235

■ 26.0674, 13.5429,
10.5259


■ 61.1432, 67.5642,
71.9454

 25.4442, 12.9603,
8.2723

 68.3078, 79.3075,
82.3057

 75.0546, 90.0204,
93.1273

 76.9168, 90.7653,
102.9334

 77.8974, 91.1575,
108.0973

Harmonies

Analogous

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



34.1671, 27.5764, 47.0496



36.0708, 27.5764, 32.2758



35.0903, 27.5764, 20.5122

Triad

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



36.0708, 27.5764, 32.2758



22.6351, 27.5764, 12.3980



21.4520, 27.5764, 56.0073

Complementary

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



36.0708, 27.5764, 32.2758



35.5205, 48.4900, 45.0259

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.



18.9715, 27.5764, 42.1030



36.0708, 27.5764, 32.2758



19.5963, 27.5764, 17.7013

Square

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



36.0708, 27.5764, 32.2758



26.9848, 27.5764, 11.1708



18.3340, 27.5764, 27.8833



25.4513, 27.5764, 63.0843

Rectangle

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



36.0708, 27.5764, 32.2758



32.9868, 27.5764, 15.4067



18.3340, 27.5764, 27.8833



20.4323, 27.5764, 51.8098

Sweetspot

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



36.0716, 27.5777, 32.2763



83.1722, 80.8541, 90.7295



33.1281, 25.4784, 58.4302



17.5487, 16.9004, 19.0227



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.



36.0716, 27.5777, 32.2763



56.7953, 39.7287, 46.0886



34.8577, 28.7255, 20.8486



10.8003, 10.7035, 11.9315



16.0401, 8.1656, 5.4209



0.7948, 0.4008, 0.4425

Inverse Universe

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



36.0716, 27.5777, 32.2763



56.7953, 39.7287, 46.0886



37.0184, 46.0767, 62.2010



10.8003, 10.7035, 11.9315



16.0401, 8.1656, 5.4209



0.7948, 0.4008, 0.4425

Previews

White Background



This preview shows how the XYZ color 36.0708, 27.5764, 32.2758 looks on a white background.

Color Contrast Check

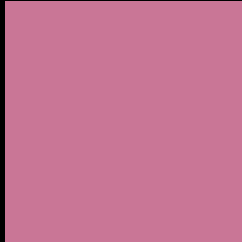
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.0708, 27.5764, 32.2758 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 36.0708, 27.5764, 32.2758

Background



This preview shows how black text looks on a background with the XYZ color 36.0708, 27.5764, 32.2758.



This preview shows how white text looks on a background with the XYZ color 36.0708, 27.5764,

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

36.0708, 27.5764, 32.2758

Protanopia

27.4292, 27.9370, 39.5440

Deuteranopia

28.1312, 27.6085, 31.0404



Tritanopia

34.6095, 27.6999, 24.9952

Trichromacy



Original Color

36.0708, 27.5764, 32.2758

Protanomaly

29.7706, 27.2696, 36.9522

Deuteranomaly

30.3960, 27.1098, 31.2344

Tritanomaly

35.2442, 27.7891, 27.5510

Monochromacy



Original Color

36.0708, 27.5764, 32.2758

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.7965, 27.8219, 31.4035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0708, 27.5764, 32.2758 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, 118, 150)` looks like.

```
.text, #text, p{  
    color:rgb(201, 118, 150)  
}
```

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, 118, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 118, 150) }
```

Border

The CSS property to change the border of an element to XYZ 36.0708, 27.5764, 32.2758 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, 118, 150) }
```


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

```
.border{ border-color:rgb(201, 118, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 118, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 118, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 118, 150);  
box-shadow:4px 4px 4px 4px rgb(201, 118,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0708, 27.5764, 32.2758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 118, 150) }
```

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

```
.background{ background-color: rgb(201,  
118, 150) }
```

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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