

Converting Colors

XYZ(37.4567, 27.3225, 30.5725)

Have a look what the booklet for
XYZ(37.4567, 27.3225, 30.5725)
contains.

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Color

**XYZ(37.5608, 27.3653,
30.4965)**

Conversions

Conversions Part 1

Format	Color
Hex	D27092
RGB	210, 112, 146
RGB Percent	82%, 44%, 57%
CMY	0.1765, 0.5608, 0.4274
CMYK	0.00, 0.47, 0.30, 0.18
HSL	339°, 52%, 63%
HSV	339°, 47%, 82%
XYZ	37.5608, 27.3653, 30.4965
YIQ	145.1780, 47.4940, 31.3500

Conversions

Conversions Part 2

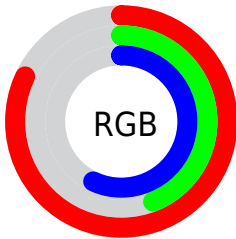
Format	Color
R_{YB}	210, 112, 146
Decimal	13791378
CIE _{Lab}	59.31, 42.30, -1.01
CIE _{LCh}	59, 42.314, 358.633
Yxy	27.3653, 0.3936, 0.2868
Android (android.graphics.Color)	4291981458 (0xFFD27092)
YUV	145.1780, 0.4052, 56.8489
Hunter-Lab	52.3119, 36.6203, 2.0537

Details

The XYZ color **37.5608, 27.3653, 30.4965** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **37.5665, 52.6732, 49.2640**, and the grayscale version is **26.9717, 28.3763, 30.9018**.

A 20% lighter version of the original color is **65.3015, 52.7026, 61.3744**, and **16.8640, 10.8486, 12.2715** is the 20% darker color. If you saturate the color by 10%, you get **34.5044, 22.8586, 24.5260**, and if you desaturate by 10%, it is **41.2870, 33.0065, 37.3223**.

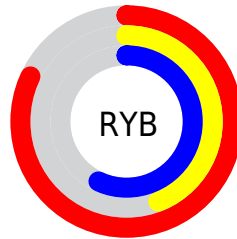
Distribution



Red (82%)

Green (44%)

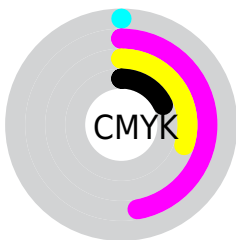
Blue (57%)



Red (82%)

Yellow (44%)

Blue (57%)

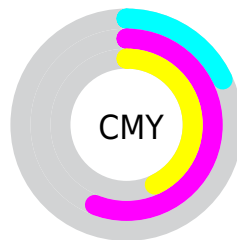


Cyan (0%)

Magenta (47%)

Yellow (30%)

Black (18%)



Cyan (18%)


Magenta (56%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5608, 27.3653, 30.4965 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 37.5608, 27.3653, 30.4965 by changing the saturation by 10% instead.


 37.5608, 27.3653,
30.4965


 37.5608, 27.3653,
30.4965

327.0457,
289.4215, 318.4910


 25.8177, 17.8478,
19.9605


 70.7427, 55.4695,
61.5167


 16.8192, 10.8407,
12.1825

 92.9122, 74.8250,
82.8381

 10.2002, 5.9598,
6.7441


 119.2878, 98.2285,
108.5916

 5.5952, 2.8207,
3.2266

 150.2349,
126.0646, 139.1958

 2.6388, 1.0388,
1.2114

186.1189,
158.7175, 175.0694

 0.9658, 0.0000,
0.0000

227.3052,

 0.0000, 0.0000,

196.5717, 216.6307

0.0000

274.1590,
240.0116, 264.2984

■ 37.5608, 27.3653,
30.4965

■ 37.5608, 27.3653,
30.4965

■ 34.5044, 22.8586,
24.5260

■ 41.2870, 33.0065,
37.3223

■ 32.0729, 19.4043,
19.3729

■ 45.7195, 39.8487,
45.0359

■ 30.2193, 16.9157,
14.9981


■ 50.8948, 47.9580,
53.6699


■ 28.8882, 15.2902,
11.3582


■ 56.8459, 57.3947,
63.2546


■ 28.0091, 14.3956,
8.4027

■ 63.6040, 68.2150,
73.8189

 27.7760, 14.1807,
7.5506

 71.1986, 80.4718,
85.3905

 78.3662, 91.6328,
97.5653

 80.3884, 92.4417,
108.2138

Harmonies

Analogous

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



35.6970, 27.3653, 47.6759



37.5608, 27.3653, 30.4965



35.9975, 27.3653, 17.9037

Triad

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



37.5608, 27.3653, 30.4965



21.4340, 27.3653, 10.8446



21.0667, 27.3653, 62.2310

Complementary

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



37.5608, 27.3653, 30.4965



37.5665, 52.6732, 49.2640

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.



18.0650, 27.3653, 46.0482



37.5608, 27.3653, 30.4965



18.2560, 27.3653, 17.0602

Square

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



37.5608, 27.3653, 30.4965



26.2533, 27.3653, 9.1319



17.1091, 27.3653, 29.1066



25.7680, 27.3653, 69.4348

Rectangle

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



37.5608, 27.3653, 30.4965



33.3275, 27.3653, 12.8454



17.1091, 27.3653, 29.1066



19.8504, 27.3653, 57.4401

Sweetspot

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



37.5616, 27.3667, 30.4970



81.1706, 77.8880, 86.8650



35.2649, 25.4382, 64.0242



16.9631, 16.0226, 17.9232



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.



37.5616, 27.3667, 30.4970



53.5546, 35.4919, 38.0885



37.0547, 29.9743, 19.1636



11.9756, 11.8750, 13.1475



16.9859, 8.6672, 4.8321



0.9868, 0.4994, 0.4653

Inverse Universe

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



37.5616, 27.3667, 30.4970



53.5546, 35.4919, 38.0885



37.8983, 47.2635, 68.0981



11.9756, 11.8750, 13.1475



16.9859, 8.6672, 4.8321



0.9868, 0.4994, 0.4653

Previews

White Background



This preview shows how the XYZ color 37.5608, 27.3653, 30.4965 looks on a white background.

Color Contrast Check

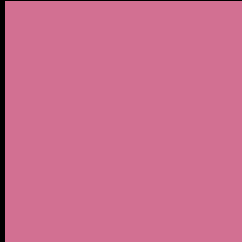
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.5608, 27.3653, 30.4965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

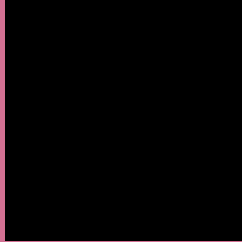
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.5608, 27.3653, 30.4965

Background



This preview shows how black text looks on a background with the XYZ color 37.5608, 27.3653, 30.4965.



This preview shows how white text looks on a background with the XYZ color 37.5608, 27.3653,

30.4965.

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

37.5608, 27.3653, 30.4965

Protanopia

27.0213, 27.5153, 39.0088

Deuteranopia

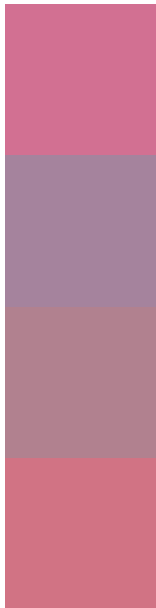
28.2157, 27.6873, 29.4482



Tritanopia

35.8959, 27.3559, 22.4571

Trichromacy



Original Color

37.5608, 27.3653, 30.4965

Protanomaly

29.7192, 26.6663, 35.4790

Deuteranomaly

30.9396, 27.0308, 29.5734

Tritanomaly

36.5901, 27.4827, 25.2060

Monochromacy



Original Color

37.5608, 27.3653, 30.4965

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.8605, 27.2544, 30.4749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5608, 27.3653, 30.4965 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(210, 112, 146)` looks like.

```
.text, #text, p{  
    color:rgb(210, 112, 146)  
}
```

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(210, 112, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 112, 146) }
```

Border

The CSS property to change the border of an element to XYZ 37.5608, 27.3653, 30.4965 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(210, 112, 146) }
```


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

```
.border{ border-color:rgb(210, 112, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 112, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 112, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 112, 146);  
box-shadow:4px 4px 4px 4px rgb(210, 112,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5608, 27.3653, 30.4965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 112, 146) }
```

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

```
.background{ background-color: rgb(210,  
112, 146) }
```

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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