

Converting Colors

XYZ(27.3120, 13.5507, 12.3367)

Have a look what the booklet for
XYZ(27.3120, 13.5507, 12.3367)
contains.

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Color

**XYZ(27.5649, 13.9663,
12.3093)**

Conversions

Conversions Part 1

Format	Color
Hex	CE0060
RGB	206, 0, 96
RGB Percent	81%, 0%, 38%
CMY	0.1922, 0.9998, 0.6235
CMYK	0.00, 1.00, 0.53, 0.19
HSL	332°, 100%, 40%
HSV	332°, 100%, 81%
XYZ	27.5649, 13.9663, 12.3093
YIQ	72.5380, 91.9600, 73.5280

Conversions

Conversions Part 2

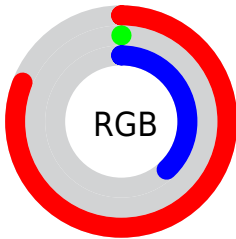
Format	Color
RYB	206, 0, 96
Decimal	13500512
CIELab	44.18, 71.54, 7.06
CIElCh	44, 71.892, 5.636
Yxy	13.9663, 0.5120, 0.2594
Android (android.graphics.Color)	4291690592 (0xFFCE0060)
YUV	72.5380, 11.5668, 117.0462
Hunter-Lab	37.3715, 66.2599, 6.6313

Details

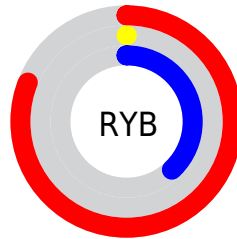
The XYZ color **27.5649, 13.9663, 12.3093** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **24.8883, 45.2693, 22.1889**, and the grayscale version is **6.2256, 6.5498, 7.1327**.

A 20% lighter version of the original color is **49.9180, 30.3148, 30.4145**, and **12.2528, 6.2500, 3.5782** is the 20% darker color. If you saturate the color by 10%, you get **27.5639, 13.9659, 12.3043**, and if you desaturate by 10%, it is **28.3690, 14.7065, 15.2540**.

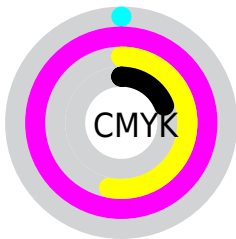
Distribution



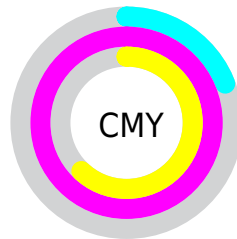
- Red (81%)
- Green (0%)
- Blue (38%)



- Red (81%)
- Yellow (0%)
- Blue (38%)



- Cyan (0%)
- Magenta (100%)
- Yellow (53%)
- Black (19%)





- Cyan (19%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5649, 13.9663, 12.3093 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 27.5649, 13.9663, 12.3093 by changing the saturation by 10% instead.


 27.5649, 13.9663,
12.3093

 27.5649, 13.9663,
12.3093


282.4999,
217.0211, 217.4924


 18.1367, 8.0972,
6.8296


 55.2025, 33.0292,
30.7300


 11.1485, 4.1572,
3.2789


 74.1427, 46.9919,
44.5080


 6.2348, 1.7619,
1.2388


 96.9842, 64.4211,
61.8893

 3.0304, 0.4633,
0.0108

 124.0925, 85.7015,
83.2923

 1.1699, 0.0000,
0.0000

 155.8328,
111.2172, 109.1355

 0.0824, 0.0000,
0.0000

 192.5706,

 0.0000, 0.0000,

141.3528, 139.8376

0.0000

234.6712,
176.4926, 175.8171

■ 27.5649, 13.9663,
12.3093

■ 27.5649, 13.9663,
12.3093

■ 27.5639, 13.9659,
12.3043

■ 28.3690, 14.7065,
15.2540

■ 29.5250, 16.0323,
18.6793

■ 31.1303, 18.1347,
22.6307

■ 33.2383, 21.1165,
27.1383

■ 35.8944, 25.0647,
32.2288

■ 39.1387, 30.0558,
37.9268

■ 43.0072, 36.1584,
44.2551

■ 47.5330, 43.4353,
51.2351

■ 52.7468, 51.9446,
58.8870

Harmonies

Analogous

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



26.0795, 13.9663, 32.3276



27.5649, 13.9663, 12.3093



24.4160, 13.9663, 3.2249

Triad

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



27.5649, 13.9663, 12.3093



7.8268, 13.9663, 1.2684



9.2224, 13.9663, 65.9933

Complementary

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



27.5649, 13.9663, 12.3093



24.8883, 45.2693, 22.1889

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.



6.1735, 13.9663, 42.0560



27.5649, 13.9663, 12.3093



5.5455, 13.9663, 5.5396

Square

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



27.5649, 13.9663, 12.3093



12.2199, 13.9663, 0.3241



5.0421, 13.9663, 18.5269



14.3882, 13.9663, 73.3322

Rectangle

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



27.5649, 13.9663, 12.3093



20.5292, 13.9663, 1.1931



5.0421, 13.9663, 18.5269



7.9688, 13.9663, 59.0633

Sweetspot

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



27.5653, 13.9671, 12.3095



69.4159, 58.1625, 71.2819



17.5570, 7.7647, 58.9657



14.2617, 11.5039, 14.2970



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.



27.5653, 13.9671, 12.3095



44.5584, 22.5873, 19.4042



25.5287, 13.2717, 1.2173



11.4262, 11.2992, 12.7789



17.0211, 8.6190, 7.8297



0.9163, 0.4599, 0.6051

Inverse Universe

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



27.5653, 13.9671, 12.3095



44.5584, 22.5873, 19.4042



31.5954, 45.3651, 65.4834



11.4262, 11.2992, 12.7789



17.0211, 8.6190, 7.8297



0.9163, 0.4599, 0.6051

Previews

White Background



This preview shows how the XYZ color 27.5649, 13.9663, 12.3093 looks on a white 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

Black Background



This preview shows how the XYZ color 27.5649, 13.9663, 12.3093 looks on a black 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

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

XYZ 27.5649, 13.9663, 12.3093

Background



This preview shows how black text looks on a background with the XYZ color 27.5649, 13.9663, 12.3093.



This preview shows how white text looks on a background with the XYZ color 27.5649, 13.9663,

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

27.5649, 13.9663, 12.3093

Protanopia

14.8512, 14.7688, 26.4940

Deuteranopia

14.8827, 14.6737, 11.0647



Tritanopia

25.9448, 14.3635, 3.2387

Trichromacy



Original Color

27.5649, 13.9663, 12.3093



Protanomaly

15.8988, 10.7627, 19.9783



Deuteranomaly

17.1201, 11.5046, 10.9911



Tritanomaly

26.2929, 13.9482, 5.4441

Monochromacy



Original Color

27.5649, 13.9663, 12.3093



Achromatopsia

6.3328, 6.6626, 7.2556



Achromatomaly

10.3474, 6.6130, 8.5157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5649, 13.9663, 12.3093 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(206, 0, 96)` looks like.

```
.text, #text, p{  
    color:rgb(206, 0, 96)  
}
```

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(206, 0, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 0, 96) }
```

Border

The CSS property to change the border of an element to XYZ 27.5649, 13.9663, 12.3093 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(206, 0, 96) }
```


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

```
.border{ border-color:rgb(206, 0, 96) }
```

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

Here you see how a box with a 4 pixel rgb(206, 0, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 0, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 0, 96);  
box-shadow:4px 4px 4px 4px rgb(206, 0, 96)  
}
```

Background

The CSS property to change the background color of an element to XYZ 27.5649, 13.9663, 12.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 0, 96) }
```

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

```
.background{ background-color: rgb(206, 0,  
96) }
```

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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