

Converting Colors

XYZ(26.7430, 13.5738, 10.8607)

Have a look what the booklet for
XYZ(26.7430, 13.5738, 10.8607)
contains.

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Color

**XYZ(26.7473, 13.5756,
10.8835)**

Conversions

Conversions Part 1

Format	Color
Hex	CC005A
RGB	204, 0, 90
RGB Percent	80%, 0%, 35%
CMY	0.2000, 0.9998, 0.6471
CMYK	0.00, 1.00, 0.56, 0.20
HSL	334°, 100%, 40%
HSV	334°, 100%, 80%
XYZ	26.7473, 13.5756, 10.8835
YIQ	71.2560, 92.6940, 71.2380

Conversions

Conversions Part 2

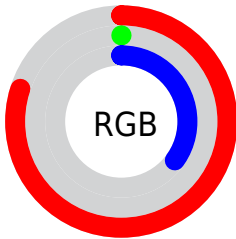
Format	Color
RYB	204, 0, 90
Decimal	13369434
CIELab	43.62, 70.68, 9.97
CIElCh	44, 71.381, 8.030
Yxy	13.5756, 0.5223, 0.2651
Android (android.graphics.Color)	4291559514 (0xFFCC005A)
YUV	71.2560, 9.2408, 116.4165
Hunter-Lab	36.8451, 65.1013, 8.2782

Details

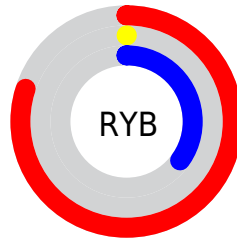
The XYZ color **26.7473, 13.5756, 10.8835** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **24.6330, 44.4016, 23.2043**, and the grayscale version is **6.0103, 6.3233, 6.8861**.

A 20% lighter version of the original color is **49.3818, 29.9698, 27.9930**, and **11.6290, 5.9402, 3.0163** is the 20% darker color. If you saturate the color by 10%, you get **26.7461, 13.5751, 10.8781**, and if you desaturate by 10%, it is **27.5285, 14.3009, 13.7251**.

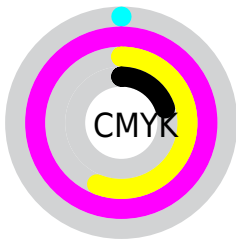
Distribution



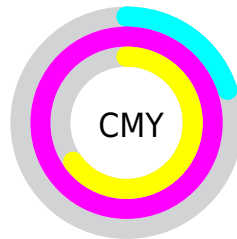
- Red (80%)
- Green (0%)
- Blue (35%)



- Red (80%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (56%)
- Black (20%)





- Cyan (20%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7473, 13.5756, 10.8835 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 26.7473, 13.5756, 10.8835 by changing the saturation by 10% instead.


 26.7473, 13.5756,
10.8835


 26.7473, 13.5756,
10.8835


278.6214,
214.5744, 207.5752


 17.5191, 7.8261,
5.8754


 53.9009, 32.3341,
28.0779


 10.7029, 3.9839,
2.7019


 72.5570, 46.1118,
41.1012


 5.9332, 1.6645,
0.9444


 95.0864, 63.3344,
57.6334

 2.8448, 0.4005,
0.0000

 121.8546, 84.3863,
78.0929

 1.0722, 0.0000,
0.0000

 153.2268,
109.6519, 102.8983

 0.0017, 0.0000,
0.0000

 189.5684,

 0.0000, 0.0000,

139.5155, 132.4681

0.0000

231.2449,
174.3615, 167.2209

■ 26.7473, 13.5756,
10.8835

■ 26.7473, 13.5756,
10.8835

■ 26.7461, 13.5751,
10.8781

■ 27.5285, 14.3009,
13.7251

■ 28.6589, 15.6002,
17.0660

■ 30.2347, 17.6613,
20.9530

■ 32.3084, 20.5847,
25.4178

■ 34.9247, 24.4555,
30.4884

■ 38.1230, 29.3483,
36.1906

■ 41.9390, 35.3305,
42.5484

■ 46.4051, 42.4632,
49.5844

■ 51.5515, 50.8035,
57.3199

Harmonies

Analogous

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



25.6642, 13.5756, 29.5546



26.7473, 13.5756, 10.8835



23.3611, 13.5756, 2.7689

Triad

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



26.7473, 13.5756, 10.8835



7.3478, 13.5756, 1.3741



9.2840, 13.5756, 65.6796

Complementary

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



26.7473, 13.5756, 10.8835



24.6330, 44.4016, 23.2043

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.



6.1516, 13.5756, 43.0274



26.7473, 13.5756, 10.8835



5.2797, 13.5756, 5.9947

Square

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



26.7473, 13.5756, 10.8835



11.4587, 13.5756, 0.3162



4.9161, 13.5756, 19.5142



14.4643, 13.5756, 71.0475

Rectangle

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



26.7473, 13.5756, 10.8835



19.4747, 13.5756, 1.0254



4.9161, 13.5756, 19.5142



8.0063, 13.5756, 59.3172

Sweetspot

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



26.7476, 13.5764, 10.8837



69.1742, 58.0658, 70.0089



17.6095, 7.8197, 57.7076



14.2048, 11.4812, 13.9974



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.



26.7476, 13.5764, 10.8837



44.1909, 22.4404, 17.4692



25.0131, 13.0597, 1.2037



11.4144, 11.2945, 12.7171



16.8796, 8.5624, 7.0848



0.9087, 0.4569, 0.5653

Inverse Universe

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



26.7476, 13.5764, 10.8837



44.1909, 22.4404, 17.4692



30.1472, 42.8552, 63.8094



11.4144, 11.2945, 12.7171



16.8796, 8.5624, 7.0848



0.9087, 0.4569, 0.5653

Previews

White Background



This preview shows how the XYZ color 26.7473, 13.5756, 10.8835 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

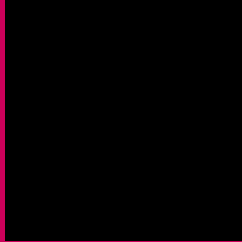
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.7473, 13.5756, 10.8835

Background



This preview shows how black text looks on a background with the XYZ color 26.7473, 13.5756, 10.8835.



This preview shows how white text looks on a background with the XYZ color 26.7473, 13.5756,

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

26.7473, 13.5756, 10.8835

Protanopia

14.1926, 14.1920, 23.4640

Deuteranopia

14.3073, 14.1124, 9.7545



Tritanopia

25.2914, 13.9397, 2.9477

Trichromacy



Original Color

26.7473, 13.5756, 10.8835



Protanomaly

15.4171, 10.4757, 17.7324



Deuteranomaly

16.3825, 10.9823, 9.6438



Tritanomaly

25.6246, 13.5851, 4.8861

Monochromacy



Original Color

26.7473, 13.5756, 10.8835



Achromatopsia

5.9891, 6.3010, 6.8618



Achromatomaly

9.9213, 6.3488, 7.9103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7473, 13.5756, 10.8835 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(204, 0, 90)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 90)  
}
```

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(204, 0, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 90) }
```

Border

The CSS property to change the border of an element to XYZ 26.7473, 13.5756, 10.8835 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(204, 0, 90) }
```


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

```
.border{ border-color:rgb(204, 0, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 0, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 90);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 90)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.7473, 13.5756, 10.8835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 90) }
```

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

```
.background{ background-color: rgb(204, 0,  
90) }
```

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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