

Converting Colors

XYZ(30.3487, 15.7721, 13.7567)

Have a look what the booklet for
XYZ(30.3487, 15.7721, 13.7567)
contains.

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Color

**XYZ(30.3487, 15.7721,
13.7567)**

Conversions

Conversions Part 1

Format	Color
Hex	D61565
RGB	214, 21, 101
RGB Percent	84%, 8%, 40%
CMY	0.1608, 0.9175, 0.6039
CMYK	0.00, 0.90, 0.53, 0.16
HSL	335°, 82%, 46%
HSV	335°, 90%, 84%
XYZ	30.3487, 15.7721, 13.7567
YIQ	87.8270, 89.3480, 65.7960

Conversions

Conversions Part 2

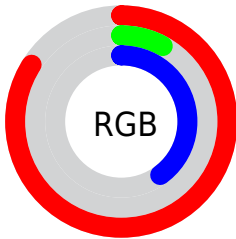
Format	Color
R_{YB}	214, 21, 101
Decimal	14030181
CIE _{Lab}	46.67, 71.60, 7.70
CIE _{LCh}	47, 72.013, 6.139
Yxy	15.7721, 0.5068, 0.2634
Android (android.graphics.Color)	4292220261 (0xFFD61565)
YUV	87.8270, 6.4943, 110.6537
Hunter-Lab	39.7141, 66.9063, 7.2622

Details

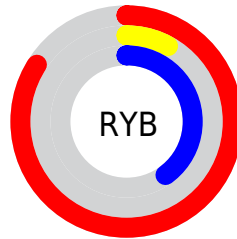
The XYZ color **30.3487, 15.7721, 13.7567** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **28.6613, 49.9747, 30.6998**, and the grayscale version is **9.2140, 9.6938, 10.5565**.

A 20% lighter version of the original color is **50.9997, 31.7114, 33.1387**, and **13.6385, 6.9512, 4.2373** is the 20% darker color. If you saturate the color by 10%, you get **29.5215, 15.0121, 10.7240**, and if you desaturate by 10%, it is **31.5853, 17.1868, 17.4328**.

Distribution



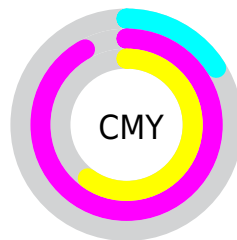
- Red (84%)
- Green (8%)
- Blue (40%)



- Red (84%)
- Yellow (8%)
- Blue (40%)



- Cyan (0%)
- Magenta (90%)
- Yellow (53%)
- Black (16%)





- Cyan (16%)
- Magenta (92%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3487, 15.7721, 13.7567 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 30.3487, 15.7721, 13.7567 by changing the saturation by 10% instead.

 30.3487, 15.7721,
13.7567


 30.3487, 15.7721,
13.7567


295.4072,
227.9931, 227.0875


 20.2528, 9.3630,
7.8148


 59.5960, 36.2021,
33.3676

 12.6883, 4.9787,
3.8906


 79.4782, 50.9918,
47.8737


 7.2898, 2.2348,
1.5655


 103.3531, 69.3439,
66.0716

 3.6919, 0.7389,
0.2660

 131.5862, 91.6427,
88.3799

 1.5294, 0.0000,
0.0000

 164.5428,
118.2726, 115.2171

 0.3457, 0.0000,
0.0000

 202.5883,

 0.0000, 0.0000,

149.6181, 147.0017

0.0000

246.0880,
186.0635, 184.1524

■ 30.3487, 15.7721,
13.7567

■ 30.3487, 15.7721,
13.7567

■ 29.5215, 15.0121,
10.7240

■ 31.5853, 17.1868,
17.4328

■ 33.3251, 19.4515,
21.7580

■ 35.6285, 22.6813,
26.7710

■ 38.5466, 26.9725,
32.5062

■ 42.1241, 32.4097,
38.9952

■ 46.4018, 39.0687,
46.2673

■ 51.4167, 47.0189,
54.3501

■ 57.2033, 56.3244,
63.2698

■ 63.7937, 67.0449,
73.0511

Harmonies

Analogous

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



28.8446, 15.7721, 35.1419



30.3487, 15.7721, 13.7567



26.9062, 15.7721, 3.8403

Triad

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



30.3487, 15.7721, 13.7567



8.9740, 15.7721, 1.6914



10.6456, 15.7721, 71.5967

Complementary

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



30.3487, 15.7721, 13.7567



28.6613, 49.9747, 30.6998

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.



7.2440, 15.7721, 46.4221



30.3487, 15.7721, 13.7567



6.4828, 15.7721, 6.6923

Square

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



30.3487, 15.7721, 13.7567



13.7450, 15.7721, 0.6203



5.9514, 15.7721, 21.1130



16.3099, 15.7721, 78.9245

Rectangle

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



30.3487, 15.7721, 13.7567



22.7117, 15.7721, 1.5298



5.9514, 15.7721, 21.1130



9.2543, 15.7721, 64.3715

Sweetspot

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



30.3491, 15.7730, 13.7569



71.0556, 61.3311, 72.1698



22.1733, 10.4275, 64.4621



14.6899, 12.3100, 14.5945



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.



30.3491, 15.7730, 13.7569



43.8248, 22.2939, 15.5415



28.5320, 15.6803, 2.2336



12.6345, 12.5053, 14.0158



17.8930, 9.0935, 6.7406



1.1199, 0.5647, 0.6208

Inverse Universe

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



30.3491, 15.7730, 13.7569



43.8248, 22.2939, 15.5415



32.6229, 45.3657, 70.6551



12.6345, 12.5053, 14.0158



17.8930, 9.0935, 6.7406



1.1199, 0.5647, 0.6208

Previews

White Background



This preview shows how the XYZ color 30.3487, 15.7721, 13.7567 looks on a white background.

Color Contrast Check

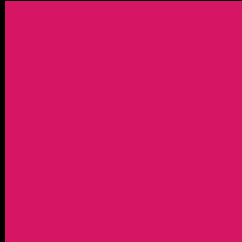
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3487, 15.7721, 13.7567 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 30.3487, 15.7721, 13.7567

Background



This preview shows how black text looks on a background with the XYZ color 30.3487, 15.7721, 13.7567.



This preview shows how white text looks on a background with the XYZ color 30.3487, 15.7721,

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

30.3487, 15.7721, 13.7567

Protanopia

16.3120, 16.2661, 28.6655

Deuteranopia

16.2427, 15.9552, 12.3488



Tritanopia

28.2193, 15.8321, 3.9515

Trichromacy



Original Color

30.3487, 15.7721, 13.7567

Protanomaly

17.9484, 12.8469, 21.9558

Deuteranomaly

19.1472, 13.4687, 12.4170

Tritanomaly

28.7364, 15.6405, 6.5054

Monochromacy



Original Color

30.3487, 15.7721, 13.7567

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

13.6407, 9.5254, 11.4756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3487, 15.7721, 13.7567 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(214, 21, 101)` looks like.

```
.text, #text, p{  
    color:rgb(214, 21, 101)  
}
```

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(214, 21, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 21, 101) }
```

Border

The CSS property to change the border of an element to XYZ 30.3487, 15.7721, 13.7567 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(214, 21, 101) }
```


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

```
.border{ border-color:rgb(214, 21, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 21, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 21, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 21, 101);  
box-shadow:4px 4px 4px 4px rgb(214, 21,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3487, 15.7721, 13.7567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 21, 101) }
```

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

```
.background{ background-color: rgb(214, 21,  
101) }
```

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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