

Converting Colors

XYZ(30.4763, 16.4159, 14.5549)

Have a look what the booklet for
XYZ(30.4763, 16.4159, 14.5549)
contains.

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Color

**XYZ(30.6008, 16.4687,
14.6626)**

Conversions

Conversions Part 1

Format	Color
Hex	D52568
RGB	213, 37, 104
RGB Percent	84%, 15%, 41%
CMY	0.1647, 0.8548, 0.5922
CMYK	0.00, 0.83, 0.51, 0.16
HSL	337°, 70%, 49%
HSV	337°, 83%, 84%
XYZ	30.6008, 16.4687, 14.6626
YIQ	97.2620, 83.3890, 58.1490

Conversions

Conversions Part 2

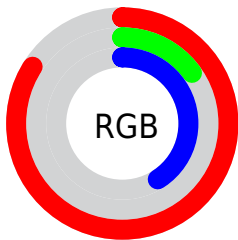
Format	Color
R_{YB}	213, 37, 104
Decimal	13968744
CIE _{Lab}	47.58, 68.62, 7.11
CIE _{LCh}	48, 68.991, 5.918
Yxy	16.4687, 0.4957, 0.2668
Android (android.graphics.Color)	4292158824 (0xFFD52568)
YUV	97.2620, 3.3218, 101.5022
Hunter-Lab	40.5816, 63.5810, 6.9850

Details

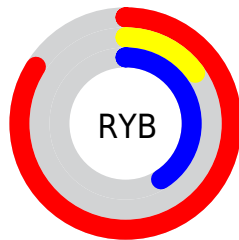
The XYZ color **30.6008, 16.4687, 14.6626** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **29.7471, 50.0577, 35.2945**, and the grayscale version is **11.4062, 12.0002, 13.0682**.

A 20% lighter version of the original color is **52.0066, 33.3271, 34.7021**, and **13.7126, 6.9809, 4.6277** is the 20% darker color. If you saturate the color by 10%, you get **29.5016, 15.2603, 11.2447**, and if you desaturate by 10%, it is **32.1917, 18.4930, 18.7619**.

Distribution



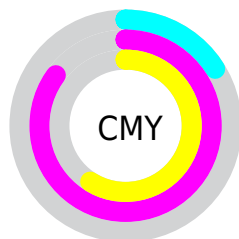
- Red (84%)
- Green (15%)
- Blue (41%)



- Red (84%)
- Yellow (15%)
- Blue (41%)



- Cyan (0%)
- Magenta (83%)
- Yellow (51%)
- Black (16%)




- Cyan (16%)
- Magenta (85%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.6008, 16.4687, 14.6626 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 30.6008, 16.4687, 14.6626 by changing the saturation by 10% instead.


 30.6008, 16.4687,
14.6626

 30.6008, 16.4687,
14.6626


296.5548,
232.0918, 232.8848


 20.4454, 9.8564,
8.4390


 59.9911, 37.4100,
34.9941


 12.8294, 5.3039,
4.2853


 79.9568, 52.5078,
49.9390


 7.3873, 2.4266,
1.7831


 103.9232, 71.2029,
68.6281

 3.7540, 0.8395,
0.4168

 132.2558, 93.8797,
91.4798

 1.5639, 0.0000,
0.0000

 165.3199,
120.9226, 118.9129

 0.3687, 0.0000,
0.0000

 203.4809,

 0.0000, 0.0000,

152.7160, 151.3457

0.0000

247.1041,
189.6442, 189.1968

■ 30.6008, 16.4687,
14.6626

■ 30.6008, 16.4687,
14.6626

■ 29.5016, 15.2603,
11.2447

■ 32.1917, 18.4930,
18.7619

■ 28.9285, 14.7413,
9.1198

■ 34.3362, 21.4493,
23.5854

■ 37.0878, 25.4378,
29.1720

■ 40.4927, 30.5446,
35.5572

■ 44.5927, 36.8470,
42.7738

■ 49.4258, 44.4151,
50.8527

■ 55.0272, 53.3139,
59.8230

■ 61.4297, 63.6035,
69.7123

■ 68.6644, 75.3406,
80.5469

Harmonies

Analogous

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



29.1154, 16.4687, 35.5967



30.6008, 16.4687, 14.6626



27.3106, 16.4687, 4.5013

Triad

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



30.6008, 16.4687, 14.6626



9.6921, 16.4687, 2.1140



11.3080, 16.4687, 69.9986

Complementary

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



30.6008, 16.4687, 14.6626



29.7471, 50.0577, 35.2945

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.



7.8987, 16.4687, 46.0258



30.6008, 16.4687, 14.6626



7.1511, 16.4687, 7.3612

Square

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



30.6008, 16.4687, 14.6626



14.4655, 16.4687, 0.9380



6.5934, 16.4687, 21.6536



16.9037, 16.4687, 77.0829

Rectangle

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



30.6008, 16.4687, 14.6626



23.2556, 16.4687, 1.9679



6.5934, 16.4687, 21.6536



9.9193, 16.4687, 63.1255

Sweetspot

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



30.6012, 16.4697, 14.6629



72.2574, 63.5636, 73.0982



24.4445, 12.1970, 64.0165



14.9093, 12.7326, 14.7177



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.



30.6012, 16.4697, 14.6629



43.5026, 22.2093, 13.7083



29.2650, 17.2604, 3.5407



12.6169, 12.4983, 13.9227



17.7169, 9.0231, 5.8135



1.1083, 0.5601, 0.5597

Inverse Universe

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



30.6012, 16.4697, 14.6629



43.5026, 22.2093, 13.7083



31.7263, 43.1029, 69.5981



12.6169, 12.4983, 13.9227



17.7169, 9.0231, 5.8135



1.1083, 0.5601, 0.5597

Previews

White Background



This preview shows how the XYZ color 30.6008, 16.4687, 14.6626 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 30.6008, 16.4687, 14.6626 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 30.6008, 16.4687, 14.6626

Background



This preview shows how black text looks on a background with the XYZ color 30.6008, 16.4687, 14.6626.



This preview shows how white text looks on a background with the XYZ color 30.6008, 16.4687,

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

30.6008, 16.4687, 14.6626

Protanopia

16.8830, 16.8880, 28.7554

Deuteranopia

16.9400, 16.6071, 13.3790



Tritanopia

28.7578, 16.5712, 5.1729

Trichromacy



Original Color

30.6008, 16.4687, 14.6626

Protanomaly

18.8880, 14.1017, 22.4953

Deuteranomaly

20.0433, 14.6644, 13.5785

Tritanomaly

29.3376, 16.4980, 7.7691

Monochromacy



Original Color

30.6008, 16.4687, 14.6626

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

15.4638, 11.4412, 13.4499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6008, 16.4687, 14.6626 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(213, 37, 104)` looks like.

```
.text, #text, p{  
    color:rgb(213, 37, 104)  
}
```

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(213, 37, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 37, 104) }
```

Border

The CSS property to change the border of an element to XYZ 30.6008, 16.4687, 14.6626 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(213, 37, 104) }
```


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

```
.border{ border-color:rgb(213, 37, 104) }
```

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

Here you see how a box with a 4 pixel rgb(213, 37, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 37, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 37, 104);  
box-shadow:4px 4px 4px 4px rgb(213, 37,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6008, 16.4687, 14.6626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 37, 104) }
```

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

```
.background{ background-color: rgb(213, 37,  
104) }
```

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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