

Converting Colors

XYZ(30.6040, 16.7039, 12.2593)

Have a look what the booklet for
XYZ(30.6040, 16.7039, 12.2593)
contains.

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Color

**XYZ(30.5449, 16.6902,
12.2013)**

Conversions

Conversions Part 1

Format	Color
Hex	D6295E
RGB	214, 41, 94
RGB Percent	84%, 16%, 37%
CMY	0.1608, 0.8392, 0.6314
CMYK	0.00, 0.81, 0.56, 0.16
HSL	342°, 68%, 50%
HSV	342°, 81%, 84%
XYZ	30.5449, 16.6902, 12.2013
YIQ	98.7690, 86.0950, 53.1590

Conversions

Conversions Part 2

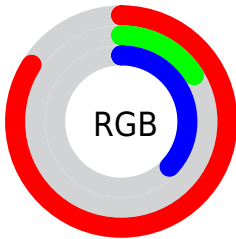
Format	Color
RYB	214, 41, 94
Decimal	14035294
CIELab	47.87, 67.19, 13.69
CIElCh	48, 68.572, 11.519
Yxy	16.6902, 0.5139, 0.2808
Android (android.graphics.Color)	4292225374 (0xFFD6295E)
YUV	98.7690, -2.3511, 101.0576
Hunter-Lab	40.8536, 61.9646, 10.8901

Details

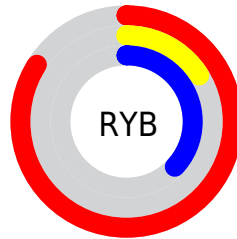
The XYZ color **30.5449, 16.6902, 12.2013** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **31.3959, 51.1384, 41.9410**, and the grayscale version is **11.7939, 12.4081, 13.5125**.

A 20% lighter version of the original color is **51.3256, 33.3768, 30.1228**, and **13.5033, 6.8972, 3.5253** is the 20% darker color. If you saturate the color by 10%, you get **29.3918, 15.3497, 8.8404**, and if you desaturate by 10%, it is **32.2288, 18.8875, 16.3714**.

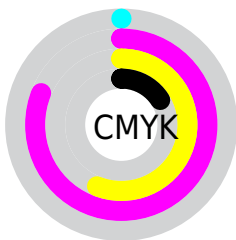
Distribution



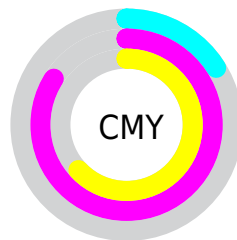
- Red (84%)
- Green (16%)
- Blue (37%)



- Red (84%)
- Yellow (16%)
- Blue (37%)



- Cyan (0%)
- Magenta (81%)
- Yellow (56%)
- Black (16%)





- Cyan (16%)
- Magenta (84%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5449, 16.6902, 12.2013 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 30.5449, 16.6902, 12.2013 by changing the saturation by 10% instead.


 30.5449, 16.6902,
12.2013


 30.5449, 16.6902,
12.2013


296.3006,
233.3807, 216.7584


 20.4027, 10.0139,
6.7567


 59.9036, 37.7923,
30.5311


 12.7980, 5.4081,
3.2343


 79.8507, 52.9869,
44.2533


 7.3657, 2.4887,
1.2155


 103.7969, 71.7898,
61.5719

 3.7402, 0.8710,
0.0000

 132.1075, 94.5852,
82.9054

 1.5562, 0.0000,
0.0000

 165.1478,
121.7576, 108.6722

 0.3636, 0.0000,
0.0000

 203.2832,

 0.0000, 0.0000,

153.6914, 139.2909

0.0000

246.8790,
190.7709, 175.1802

■ 30.5449, 16.6902,
12.2013

■ 30.5449, 16.6902,
12.2013

■ 29.3918, 15.3497,
8.8404

■ 32.2288, 18.8875,
16.3714


■ 28.7015, 14.6841,
6.4062


■ 34.5060, 22.0555,
21.4049


■ 37.4313, 26.2937,
27.3510


■ 41.0525, 31.6882,
34.2550

■ 45.4127, 38.3163,
42.1586

 50.5515, 46.2486,
51.1012

 56.5054, 55.5505,
61.1198

 63.3088, 66.2827,
72.2494

 70.9939, 78.5024,
84.5237

Harmonies

Analogous

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



29.9719, 16.6902, 31.1988



30.5449, 16.6902, 12.2013



26.4976, 16.6902, 3.6797

Triad

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



30.5449, 16.6902, 12.2013



9.2317, 16.6902, 2.7632



12.3947, 16.6902, 73.1334

Complementary

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



30.5449, 16.6902, 12.2013



31.3959, 51.1384, 41.9410

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.



8.5402, 16.6902, 51.2450



30.5449, 16.6902, 12.2013



7.0674, 16.6902, 9.3955

Square

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



30.5449, 16.6902, 12.2013



13.6121, 16.6902, 1.0765



6.8523, 16.6902, 25.8304



18.3505, 16.6902, 75.8663

Rectangle

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



30.5449, 16.6902, 12.2013



22.2146, 16.6902, 1.6853



6.8523, 16.6902, 25.8304



10.8555, 16.6902, 67.3284

Sweetspot

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



30.5453, 16.6912, 12.2016



72.4399, 64.5357, 71.2874



27.2730, 13.8355, 64.8512



14.9185, 12.9081, 14.2367



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.



30.5453, 16.6912, 12.2016



42.9004, 22.0570, 10.2638



30.4967, 19.1859, 4.1951



12.5783, 12.4828, 13.7196



17.3893, 8.8920, 4.0879



1.0855, 0.5510, 0.4394

Inverse Universe

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



30.5453, 16.6912, 12.2016



42.9004, 22.0570, 10.2638



29.8392, 38.8999, 69.5538



12.5783, 12.4828, 13.7196



17.3893, 8.8920, 4.0879



1.0855, 0.5510, 0.4394

Previews

White Background



This preview shows how the XYZ color 30.5449, 16.6902, 12.2013 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 30.5449, 16.6902, 12.2013 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 30.5449, 16.6902, 12.2013

Background



This preview shows how black text looks on a background with the XYZ color 30.5449, 16.6902, 12.2013.



This preview shows how white text looks on a background with the XYZ color 30.5449, 16.6902,

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

30.5449, 16.6902, 12.2013

Protanopia

16.6619, 17.0644, 23.1845

Deuteranopia

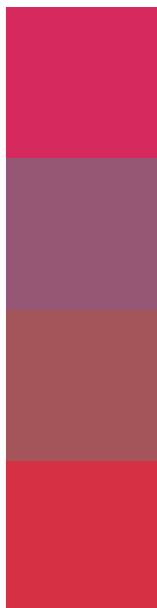
17.2473, 16.9746, 11.1715



Tritanopia

29.0220, 16.7101, 5.0639

Trichromacy



Original Color

30.5449, 16.6902, 12.2013

Protanomaly

18.9550, 14.4669, 18.3164

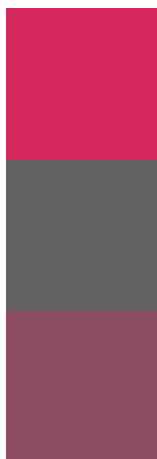
Deuteranomaly

20.3615, 15.1108, 11.2947

Tritanomaly

29.5409, 16.6774, 7.1309

Monochromacy



Original Color

30.5449, 16.6902, 12.2013

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

15.8666, 11.9746, 12.7843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5449, 16.6902, 12.2013 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, 41, 94)` looks like.

```
.text, #text, p{  
    color:rgb(214, 41, 94)  
}
```

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, 41, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 41, 94) }
```

Border

The CSS property to change the border of an element to XYZ 30.5449, 16.6902, 12.2013 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, 41, 94) }
```


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

```
.border{ border-color:rgb(214, 41, 94) }
```

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

Here you see how a box with a 4 pixel rgb(214, 41, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 41, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 41, 94);  
box-shadow:4px 4px 4px 4px rgb(214, 41,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5449, 16.6902, 12.2013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 41, 94) }
```

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

```
.background{ background-color: rgb(214, 41,  
94) }
```

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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