

Converting Colors

XYZ(28.6360, 14.5248, 12.0762)

Have a look what the booklet for
XYZ(28.6360, 14.5248, 12.0762)
contains.

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Color

**XYZ(28.6439, 14.5279,
12.1209)**

Conversions

Conversions Part 1

Format	Color
Hex	D2005F
RGB	210, 0, 95
RGB Percent	82%, 0%, 37%
CMY	0.1765, 0.9998, 0.6275
CMYK	0.00, 1.00, 0.55, 0.18
HSL	333°, 100%, 41%
HSV	333°, 100%, 82%
XYZ	28.6439, 14.5279, 12.1209
YIQ	73.6200, 94.6650, 74.0650

Conversions

Conversions Part 2

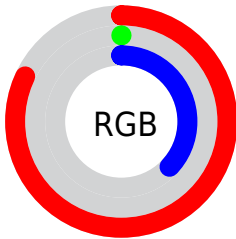
Format	Color
R_YB	210, 0, 95
Decimal	13762655
CIE _{Lab}	44.98, 72.38, 8.93
CIE _{LCh}	45, 72.925, 7.033
Yxy	14.5279, 0.5180, 0.2627
Android (android.graphics.Color)	4291952735 (0xFFD2005F)
YUV	73.6200, 10.5403, 119.6053
Hunter-Lab	38.1155, 67.4412, 7.8263

Details

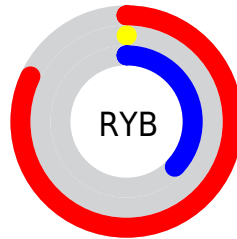
The XYZ color **28.6439, 14.5279, 12.1209** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **26.1441, 47.3321, 23.9913**, and the grayscale version is **6.4164, 6.7505, 7.3513**.

A 20% lighter version of the original color is **49.9232, 30.4491, 30.0341**, and **12.7885, 6.5262, 3.6033** is the 20% darker color. If you saturate the color by 10%, you get **28.6426, 14.5273, 12.1150**, and if you desaturate by 10%, it is **29.4749, 15.2907, 15.1710**.

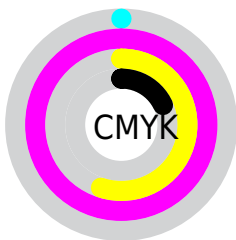
Distribution



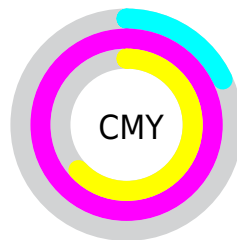
- Red (82%)
- Green (0%)
- Blue (37%)



- Red (82%)
- Yellow (0%)
- Blue (37%)



- Cyan (0%)
- Magenta (100%)
- Yellow (55%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.6439, 14.5279, 12.1209 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 28.6439, 14.5279, 12.1209 by changing the saturation by 10% instead.


 28.6439, 14.5279,
12.1209


 28.6439, 14.5279,
12.1209

287.5557,
220.4906, 216.2103


 18.9545, 8.4887,
6.7025


 56.9123, 34.0228,
30.3828


 11.7412, 4.4092,
3.2012


 76.2221, 48.2474,
44.0634


 6.6387, 1.9050,
1.1982


 99.4693, 65.9692,
61.3352

 3.2815, 0.5514,
0.0000

 127.0195, 87.5726,
82.6166

 1.3043, 0.0000,
0.0000

 159.2378,
113.4421, 108.3263

 0.1864, 0.0000,
0.0000

 196.4897,

 0.0000, 0.0000,

143.9620, 138.8828

0.0000

239.1405,
179.5167, 174.7046

■ 28.6439, 14.5279,
12.1209

■ 28.6439, 14.5279,
12.1209

■ 28.6426, 14.5273,
12.1150

■ 29.4749, 15.2907,
15.1710

■ 30.6781, 16.6688,
18.7416

■ 32.3545, 18.8601,
22.8812

■ 34.5605, 21.9726,
27.6227

■ 37.3439, 26.0977,
32.9953

■ 40.7470, 31.3157,
39.0258

■ 44.8077, 37.6985,
45.7392

■ 49.5609, 45.3122,
53.1587

■ 55.0389, 54.2175,
61.3064

Harmonies

Analogous

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



27.3235, 14.5279, 32.4515



28.6439, 14.5279, 12.1209



25.1651, 14.5279, 3.1226

Triad

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



28.6439, 14.5279, 12.1209



7.9786, 14.5279, 1.4062



9.7917, 14.5279, 69.5979

Complementary

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



28.6439, 14.5279, 12.1209



26.1441, 47.3321, 23.9913

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.



6.5156, 14.5279, 45.0765



28.6439, 14.5279, 12.1209



5.6994, 14.5279, 6.1373

Square

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



28.6439, 14.5279, 12.1209



12.4484, 14.5279, 0.3619



5.2544, 14.5279, 20.2004



15.2639, 14.5279, 76.1333

Rectangle

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



28.6439, 14.5279, 12.1209



21.0540, 14.5279, 1.1560



5.2544, 14.5279, 20.2004



8.4510, 14.5279, 62.6204

Sweetspot

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



28.6443, 14.5288, 12.1211



69.2828, 58.1092, 70.5808



18.3180, 8.1002, 61.5705



14.2304, 11.4914, 14.1319



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.



28.6443, 14.5288, 12.1211



44.3534, 22.5054, 18.3249



26.6549, 13.8546, 1.2706



12.0278, 11.8959, 13.4224



17.5209, 8.8812, 7.6494



1.0194, 0.5125, 0.6370

Inverse Universe

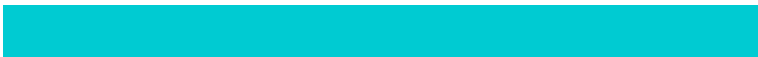
The Inverse Universe completely reimagines the original color for something new.



28.6443, 14.5288, 12.1211



44.3534, 22.5054, 18.3249



32.9896, 47.3658, 68.3763



12.0278, 11.8959, 13.4224



17.5209, 8.8812, 7.6494



1.0194, 0.5125, 0.6370

Previews

White Background



This preview shows how the XYZ color 28.6439, 14.5279, 12.1209 looks on a white background.

Color Contrast Check

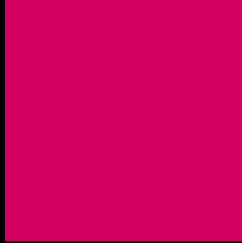
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6439, 14.5279, 12.1209 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 28.6439, 14.5279, 12.1209

Background



This preview shows how black text looks on a background with the XYZ color 28.6439, 14.5279, 12.1209.



This preview shows how white text looks on a background with the XYZ color 28.6439, 14.5279,

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

28.6439, 14.5279, 12.1209

Protanopia

15.2120, 15.1171, 26.1609

Deuteranopia

15.3824, 15.0845, 10.9050



Tritanopia

27.0395, 14.9297, 3.2068

Trichromacy



Original Color

28.6439, 14.5279, 12.1209

Protanomaly

16.5645, 11.2021, 19.7015

Deuteranomaly

17.6560, 11.7858, 10.7955

Tritanomaly

27.3848, 14.5141, 5.3611

Monochromacy



Original Color

28.6439, 14.5279, 12.1209

Achromatopsia

6.5089, 6.8478, 7.4573

Achromatomaly

10.7079, 6.8532, 8.7411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6439, 14.5279, 12.1209 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(210, 0, 95)` looks like.

```
.text, #text, p{  
  color:rgb(210, 0, 95)  
}
```

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(210, 0, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 0, 95) }
```

Border

The CSS property to change the border of an element to XYZ 28.6439, 14.5279, 12.1209 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(210, 0, 95) }
```


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

```
.border{ border-color:rgb(210, 0, 95) }
```

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

Here you see how a box with a 4 pixel rgb(210, 0, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 0, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 0, 95);  
box-shadow:4px 4px 4px 4px rgb(210, 0, 95)  
}
```

Background

The CSS property to change the background color of an element to XYZ 28.6439, 14.5279, 12.1209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 0, 95) }
```

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

```
.background{ background-color: rgb(210, 0,  
95) }
```

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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