

Converting Colors

XYZ(28.4252, 14.5118, 12.1294)

Have a look what the booklet for
XYZ(28.4252, 14.5118, 12.1294)
contains.

| | |
|--|----|
| XYZ(28.4252, 14.5118, 12.1294) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(28.4252, 14.5118,
12.1294)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D1065F |
| RGB | 209, 6, 95 |
| RGB Percent | 82%, 2%, 37% |
| CMY | 0.1804, 0.9763, 0.6274 |
| CMYK | 0.00, 0.97, 0.55, 0.18 |
| HSL | 334°, 94%, 42% |
| HSV | 334°, 97%, 82% |
| XYZ | 28.4252, 14.5118, 12.1294 |
| YIQ | 76.8430, 92.4190, 70.7150 |

Conversions

Conversions Part 2

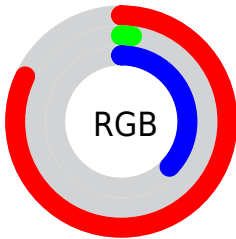
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 209, 6, 95 |
| Decimal | 13698655 |
| CIE _{Lab} | 44.96, 71.62, 8.87 |
| CIE _{LCh} | 45, 72.165, 7.058 |
| Yxy | 14.5118, 0.5162, 0.2635 |
| Android (android.graphics.Color) | 4291888735 (0xFFD1065F) |
| YUV | 76.8430, 8.9514, 115.9017 |
| Hunter-Lab | 38.0944, 66.5278, 7.7879 |

Details

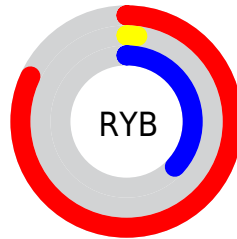
The XYZ color **28.4252, 14.5118, 12.1294** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **26.2688, 46.9968, 25.4696**, and the grayscale version is **7.0012, 7.3658, 8.0214**.

A 20% lighter version of the original color is **50.0070, 30.6167, 30.0620**, and **12.6083, 6.4333, 3.5948** is the 20% darker color. If you saturate the color by 10%, you get **28.2090, 14.3211, 11.3126**, and if you desaturate by 10%, it is **29.3252, 15.3926, 15.2637**.

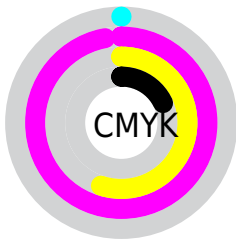
Distribution



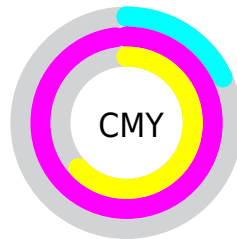
- Red (82%)
- Green (2%)
- Blue (37%)



- Red (82%)
- Yellow (2%)
- Blue (37%)



- Cyan (0%)
- Magenta (97%)
- Yellow (55%)
- Black (18%)





- Cyan (18%)
- Magenta (98%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.4252, 14.5118, 12.1294 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 28.4252, 14.5118, 12.1294 by changing the saturation by 10% instead.


 28.4252, 14.5118,
12.1294


 28.4252, 14.5118,
12.1294


286.5365,
220.3919, 216.2683


 18.7885, 8.4775,
6.7083


 56.5665, 33.9944,
30.3985


 11.6207, 4.4020,
3.2047


 75.8018, 48.2115,
44.0835


 6.5563, 1.9009,
1.2001


 98.9674, 65.9250,
61.3602

 3.2300, 0.5489,
0.0000

 126.4286, 87.5193,
82.6472

 1.2765, 0.0000,
0.0000

 158.5507,
113.3787, 108.3629

 0.1656, 0.0000,
0.0000

 195.6992,

 0.0000, 0.0000,

143.8877, 138.9260

0.0000

238.2393,
179.4306, 174.7550

■ 28.4252, 14.5118,
12.1294

■ 28.4252, 14.5118,
12.1294

■ 28.2090, 14.3211,
11.3126

■ 29.3252, 15.3926,
15.2637

■ 30.6435, 16.9758,
18.9508

■ 32.4507, 19.3975,
23.2298

■ 34.7998, 22.7592,
28.1334

■ 37.7366, 27.1477,
33.6909

■ 41.3017, 32.6397,
39.9293

■ 45.5318, 39.3046,
46.8738

■ 50.4607, 47.2061,
54.5481

■ 56.1200, 56.4033,
62.9747

Harmonies

Analogous

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



27.1291, 14.5118, 32.1864



28.4252, 14.5118, 12.1294



24.9954, 14.5118, 3.1832

Triad

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



28.4252, 14.5118, 12.1294



8.0153, 14.5118, 1.4597



9.8204, 14.5118, 68.7215

Complementary

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



28.4252, 14.5118, 12.1294



26.2688, 46.9968, 25.4696

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.



6.5662, 14.5118, 44.6504



28.4252, 14.5118, 12.1294



5.7511, 14.5118, 6.2065

Square

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



28.4252, 14.5118, 12.1294



12.4431, 14.5118, 0.4122



5.3093, 14.5118, 20.1472



15.2372, 14.5118, 75.1124

Rectangle

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



28.4252, 14.5118, 12.1294



20.9420, 14.5118, 1.2024



5.3093, 14.5118, 20.1472



8.4901, 14.5118, 61.8788

Sweetspot

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



28.4256, 14.5127, 12.1296



69.8431, 59.1557, 70.9963



19.0005, 8.5631, 60.9728



14.3306, 11.6859, 14.1839



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.



28.4256, 14.5127, 12.1296



44.1517, 22.4247, 17.2630



26.5156, 13.9448, 1.4676



12.0209, 11.8931, 13.3857



17.4406, 8.8491, 7.2263



1.0147, 0.5106, 0.6123

Inverse Universe

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



28.4256, 14.5127, 12.1296



44.1517, 22.4247, 17.2630



31.9736, 45.4211, 67.4033



12.0209, 11.8931, 13.3857



17.4406, 8.8491, 7.2263



1.0147, 0.5106, 0.6123

Previews

White Background



This preview shows how the XYZ color 28.4252, 14.5118, 12.1294 looks on a white background.

Color Contrast Check

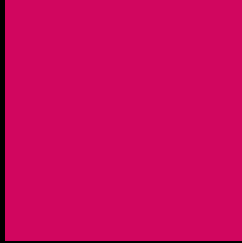
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4252, 14.5118, 12.1294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

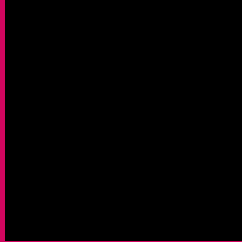
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 28.4252, 14.5118, 12.1294

Background



This preview shows how black text looks on a background with the XYZ color 28.4252, 14.5118, 12.1294.



This preview shows how white text looks on a background with the XYZ color 28.4252, 14.5118,

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

28.4252, 14.5118, 12.1294

Protanopia

15.1007, 15.0597, 26.1557

Deuteranopia

15.2342, 15.0081, 10.8980



Tritanopia

26.7592, 14.7852, 3.1937

Trichromacy



Original Color

28.4252, 14.5118, 12.1294



Protanomaly

16.5182, 11.3609, 19.7346



Deuteranomaly

17.5806, 11.9234, 10.8260



Tritanomaly

27.1455, 14.4542, 5.3622

Monochromacy



Original Color

28.4252, 14.5118, 12.1294



Achromatopsia

7.0540, 7.4214, 8.0819



Achromatomaly

11.2415, 7.3677, 9.2171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4252, 14.5118, 12.1294 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(209, 6, 95)` looks like.

```
.text, #text, p{  
    color:rgb(209, 6, 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(209, 6, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 6, 95) }
```

Border

The CSS property to change the border of an element to XYZ 28.4252, 14.5118, 12.1294 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(209, 6, 95) }
```


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

```
.border{ border-color:rgb(209, 6, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 6, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 6, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 6, 95);  
box-shadow:4px 4px 4px 4px rgb(209, 6, 95)  
}
```

Background

The CSS property to change the background color of an element to XYZ 28.4252, 14.5118, 12.1294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 6, 95) }
```

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

```
.background{ background-color: rgb(209, 6,  
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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