

Converting Colors

XYZ(28.7254, 14.5729, 11.9894)

Have a look what the booklet for
XYZ(28.7254, 14.5729, 11.9894)
contains.

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Color

**XYZ(28.5987, 14.5098,
11.8830)**

Conversions

Conversions Part 1

Format	Color
Hex	D2005E
RGB	210, 0, 94
RGB Percent	82%, 0%, 37%
CMY	0.1765, 0.9998, 0.6314
CMYK	0.00, 1.00, 0.55, 0.18
HSL	333°, 100%, 41%
HSV	333°, 100%, 82%
XYZ	28.5987, 14.5098, 11.8830
YIQ	73.5060, 94.9860, 73.7540

Conversions

Conversions Part 2

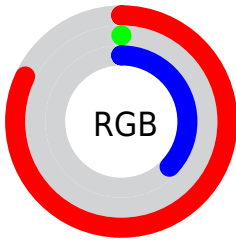
Format	Color
R_{YB}	210, 0, 94
Decimal	13762654
CIE _{Lab}	44.96, 72.31, 9.52
CIE _{LCh}	45, 72.932, 7.499
Yxy	14.5098, 0.5201, 0.2639
Android (android.graphics.Color)	4291952734 (0xFFD2005E)
YUV	73.5060, 10.1035, 119.7052
Hunter-Lab	38.0917, 67.3546, 8.1683

Details

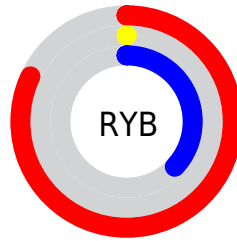
The XYZ color **28.5987, 14.5098, 11.8830** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **26.2020, 47.3552, 24.2958**, and the grayscale version is **6.3969, 6.7301, 7.3290**.

A 20% lighter version of the original color is **49.8464, 30.4184, 29.6297**, and **12.7671, 6.5177, 3.4909** is the 20% darker color. If you saturate the color by 10%, you get **28.5975, 14.5093, 11.8773**, and if you desaturate by 10%, it is **29.4281, 15.2719, 14.9243**.

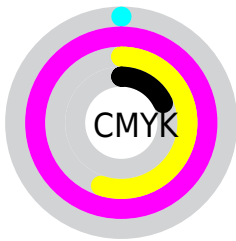
Distribution



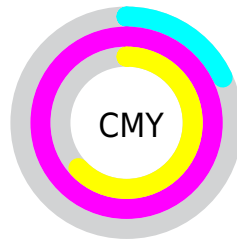
- Red (82%)
- Green (0%)
- Blue (37%)



- 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 28.5987, 14.5098, 11.8830 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 28.5987, 14.5098, 11.8830 by changing the saturation by 10% instead.


 28.5987, 14.5098,
11.8830


 28.5987, 14.5098,
11.8830


287.3453,
220.3797, 214.5795


 18.9202, 8.4761,
6.5425


 56.8409, 33.9909,
29.9430


 11.7163, 4.4011,
3.1036


 76.1353, 48.2071,
43.4996


 6.6216, 1.9003,
1.1478


 99.3657, 65.9195,
60.6320

 3.2708, 0.5486,
0.0000

 126.8974, 87.5126,
81.7587

 1.2985, 0.0000,
0.0000

 159.0959,
113.3708, 107.2983

 0.1821, 0.0000,
0.0000

 196.3265,

 0.0000, 0.0000,

143.8784, 137.6692

0.0000

238.9545,
179.4199, 173.2901

■ 28.5987, 14.5098,
11.8830

■ 28.5987, 14.5098,
11.8830

■ 28.5975, 14.5093,
11.8773

■ 29.4281, 15.2719,
14.9243

■ 30.6307, 16.6498,
18.4922

■ 32.3078, 18.8413,
22.6357

■ 34.5159, 21.9546,
27.3881

■ 37.3028, 26.0811,
32.7790

■ 40.7108, 31.3010,
38.8357

■ 44.7779, 37.6864,
45.5833

■ 49.5392, 45.3032,
53.0457

■ 55.0270, 54.2124,
61.2452

Harmonies

Analogous

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



27.3552, 14.5098, 32.0248



28.5987, 14.5098, 11.8830



25.0565, 14.5098, 3.0436

Triad

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



28.5987, 14.5098, 11.8830



7.9147, 14.5098, 1.4343



9.8464, 14.5098, 69.8321

Complementary

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



28.5987, 14.5098, 11.8830



26.2020, 47.3552, 24.2958

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.



6.5389, 14.5098, 45.4710



28.5987, 14.5098, 11.8830



5.6692, 14.5098, 6.2584

Square

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



28.5987, 14.5098, 11.8830



12.3459, 14.5098, 0.3636



5.2509, 14.5098, 20.4920



15.3450, 14.5098, 75.9907

Rectangle

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



28.5987, 14.5098, 11.8830



20.9281, 14.5098, 1.1269



5.2509, 14.5098, 20.4920



8.4949, 14.5098, 62.9417

Sweetspot

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



28.5991, 14.5107, 11.8832



69.2366, 58.0907, 70.3374



18.7720, 8.3343, 61.5917



14.2195, 11.4870, 14.0747



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.



28.5991, 14.5107, 11.8832



44.2837, 22.4775, 17.9581



26.6929, 13.9306, 1.2833



12.0255, 11.8949, 13.4099



17.4932, 8.8701, 7.5034



1.0178, 0.5118, 0.6286

Inverse Universe

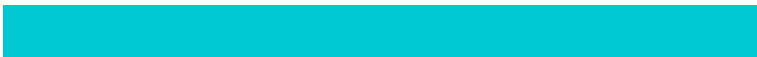
The Inverse Universe completely reimagines the original color for something new.



28.5991, 14.5107, 11.8832



44.2837, 22.4775, 17.9581



32.1724, 45.7315, 68.1038



12.0255, 11.8949, 13.4099



17.4932, 8.8701, 7.5034



1.0178, 0.5118, 0.6286

Previews

White Background



This preview shows how the XYZ color 28.5987, 14.5098, 11.8830 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 28.5987, 14.5098, 11.8830 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 28.5987, 14.5098, 11.8830

Background



This preview shows how black text looks on a background with the XYZ color 28.5987, 14.5098, 11.8830.



This preview shows how white text looks on a background with the XYZ color 28.5987, 14.5098,

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

28.5987, 14.5098, 11.8830

Protanopia

15.0685, 15.0597, 25.4052

Deuteranopia

15.3424, 15.0685, 10.6942



Tritanopia

27.0079, 14.8666, 3.1963

Trichromacy



Original Color

28.5987, 14.5098, 11.8830



Protanomaly

16.5028, 11.1774, 19.3768



Deuteranomaly

17.6143, 11.7691, 10.5758



Tritanomaly

27.3848, 14.5141, 5.3611

Monochromacy



Original Color

28.5987, 14.5098, 11.8830



Achromatopsia

6.5089, 6.8478, 7.4573



Achromatomaly

10.6701, 6.8381, 8.5421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5987, 14.5098, 11.8830 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, 94)` looks like.

```
.text, #text, p{  
    color:rgb(210, 0, 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(210, 0, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 0, 94) }
```

Border

The CSS property to change the border of an element to XYZ 28.5987, 14.5098, 11.8830 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, 94) }
```


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

```
.border{ border-color:rgb(210, 0, 94) }
```

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, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 0, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 0, 94);  
box-shadow:4px 4px 4px 4px rgb(210, 0, 94)  
}
```

Background

The CSS property to change the background color of an element to XYZ 28.5987, 14.5098, 11.8830 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, 94) }
```

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

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