

Converting Colors

XYZ(28.5521, 14.6311, 5.3139)

Have a look what the booklet for
XYZ(28.5521, 14.6311, 5.3139)
contains.

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Color

**XYZ(28.4953, 14.6016,
5.3195)**

Conversions

Conversions Part 1

Format	Color
Hex	D6003A
RGB	214, 0, 58
RGB Percent	84%, 0%, 23%
CMY	0.1608, 0.9998, 0.7725
CMYK	0.00, 1.00, 0.73, 0.16
HSL	344°, 100%, 42%
HSV	344°, 100%, 84%
XYZ	28.4953, 14.6016, 5.3195
YIQ	70.5980, 108.9260, 63.4060

Conversions

Conversions Part 2

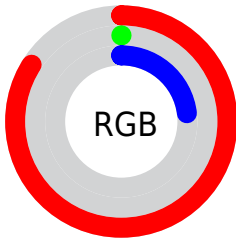
Format	Color
RYB	214, 0, 58
Decimal	14024762
CIELab	45.08, 71.35, 32.20
CIElCh	45, 78.282, 24.291
Yxy	14.6016, 0.5885, 0.3016
Android (android.graphics.Color)	4292214842 (0xFFD6003A)
YUV	70.5980, -6.2108, 125.7636
Hunter-Lab	38.2120, 66.2391, 18.4947

Details

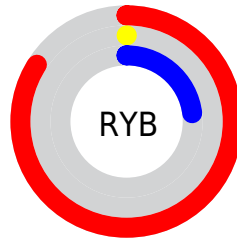
The XYZ color **28.4953, 14.6016, 5.3195** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **30.0514, 50.4950, 39.6345**, and the grayscale version is **5.9227, 6.2312, 6.7857**.

A 20% lighter version of the original color is **47.2795, 29.2594, 16.5203**, and **12.6789, 6.5245, 1.1214** is the 20% darker color. If you saturate the color by 10%, you get **28.4943, 14.6012, 5.3152**, and if you desaturate by 10%, it is **29.2305, 15.3380, 7.8286**.

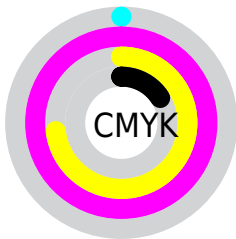
Distribution



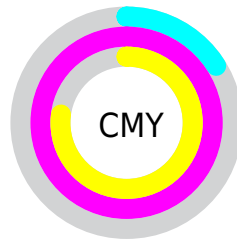
- Red (84%)
- Green (0%)
- Blue (23%)



- Red (84%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (73%)
- Black (16%)





- Cyan (16%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4953, 14.6016, 5.3195 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 28.4953, 14.6016, 5.3195 by changing the saturation by 10% instead.


 28.4953, 14.6016,
5.3195

 28.4953, 14.6016,
5.3195


286.8635,
220.9420, 161.9235


 18.8417, 8.5403,
2.3739


 56.6774, 34.1527,
16.9538


 11.6593, 4.4425,
0.7722


 75.9366, 48.4113,
26.4796


 6.5827, 1.9241,
0.0000


 99.1284, 66.1711,
39.0359

 3.2465, 0.5628,
0.0000

 126.6181, 87.8165,
55.0412

 1.2854, 0.0000,
0.0000

 158.7711,
113.7319, 74.9141

 0.1723, 0.0000,
0.0000

 195.9528,

 0.0000, 0.0000,

144.3017, 99.0731

0.0000

238.5285,
179.9102, 127.9367

■ 28.4953, 14.6016,
5.3195

■ 28.4953, 14.6016,
5.3195

■ 28.4943, 14.6012,
5.3152

■ 29.2305, 15.3380,
7.8286

■ 30.4015, 16.7373,
11.1250

■ 32.1186, 19.0065,
15.2892

■ 34.4461, 22.2611,
20.3823

■ 37.4388, 26.5987,
26.4593

■ 41.1450, 32.1050,
33.5708

■ 45.6085, 38.8572,
41.7634

■ 50.8695, 46.9258,
51.0810

■ 56.9653, 56.3758,
61.5649

Harmonies

Analogous

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



30.1994, 14.6016, 19.6926



28.4953, 14.6016, 5.3195



22.4300, 14.6016, 0.9906

Triad

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



28.4953, 14.6016, 5.3195



6.0582, 14.6016, 2.8852



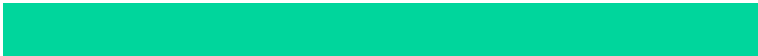
12.6830, 14.6016, 83.6986

Complementary

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



28.4953, 14.6016, 5.3195



30.0514, 50.4950, 39.6345

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.



7.8345, 14.6016, 65.5555



28.4953, 14.6016, 5.3195



4.8456, 14.6016, 12.6262

Square

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



28.4953, 14.6016, 5.3195



9.3835, 14.6016, 0.4460



5.3768, 14.6016, 35.3965



19.6189, 14.6016, 75.0488

Rectangle

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



28.4953, 14.6016, 5.3195



17.5071, 14.6016, 0.1659



5.3768, 14.6016, 35.3965



10.7893, 14.6016, 80.2712

Sweetspot

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



28.4956, 14.6025, 5.3197



67.5947, 57.4340, 61.6914



25.3465, 11.6652, 64.5337



13.8361, 11.3337, 12.0559



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.



28.4956, 14.6025, 5.3197



42.3165, 21.6906, 7.5987



28.7244, 16.2817, 1.6300



12.5601, 12.4755, 13.6235



17.2606, 8.8406, 3.4104



1.0758, 0.5471, 0.3885

Inverse Universe

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



28.4956, 14.6025, 5.3197



42.3165, 21.6906, 7.5987



26.0748, 32.7288, 68.5610



12.5601, 12.4755, 13.6235



17.2606, 8.8406, 3.4104



1.0758, 0.5471, 0.3885

Previews

White Background



This preview shows how the XYZ color 28.4953, 14.6016, 5.3195 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 28.4953, 14.6016, 5.3195 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 28.4953, 14.6016, 5.3195

Background



This preview shows how black text looks on a background with the XYZ color 28.4953, 14.6016, 5.3195.



This preview shows how white text looks on a background with the XYZ color 28.4953, 14.6016,

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

28.4953, 14.6016, 5.3195

Protanopia

14.3914, 15.3384, 11.2189

Deuteranopia

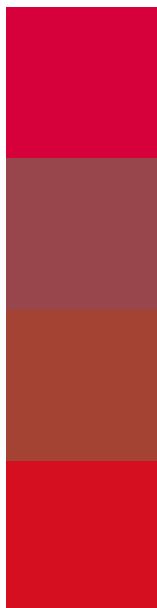
15.4551, 15.2568, 4.8196



Tritanopia

27.8684, 14.8399, 1.9259

Trichromacy



Original Color

28.4953, 14.6016, 5.3195

Protanomaly

16.3815, 11.4534, 8.1848

Deuteranomaly

17.8556, 12.0280, 4.5125

Tritanomaly

27.8721, 14.5921, 2.7140

Monochromacy



Original Color

28.4953, 14.6016, 5.3195

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

10.0901, 6.4811, 5.8734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4953, 14.6016, 5.3195 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, 0, 58)` looks like.

```
.text, #text, p{  
    color:rgb(214, 0, 58)  
}
```

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, 0, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 0, 58) }
```

Border

The CSS property to change the border of an element to XYZ 28.4953, 14.6016, 5.3195 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, 0, 58) }
```


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

```
.border{ border-color:rgb(214, 0, 58) }
```

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

Here you see how a box with a 4 pixel rgb(214, 0, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 0, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 0, 58);  
box-shadow:4px 4px 4px 4px rgb(214, 0, 58)  
}
```

Background

The CSS property to change the background color of an element to XYZ 28.4953, 14.6016, 5.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 0, 58) }
```

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

```
.background{ background-color: rgb(214, 0,  
58) }
```

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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