

Converting Colors

XYZ(25.4962, 10.0881, 4.4252)

Have a look what the booklet for
XYZ(25.4962, 10.0881, 4.4252)
contains.

XYZ(27.6025, 14.1443, 5.1462)	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(27.6025, 14.1443,
5.1462)**

Conversions

Conversions Part 1

Format	Color
Hex	D30039
RGB	211, 0, 57
RGB Percent	83%, 0%, 22%
CMY	0.1726, 0.9998, 0.7765
CMYK	0.00, 1.00, 0.73, 0.17
HSL	344°, 100%, 41%
HSV	344°, 100%, 83%
XYZ	27.6025, 14.1443, 5.1462
YIQ	69.5870, 107.4590, 62.4590

Conversions

Conversions Part 2

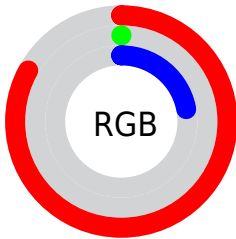
Format	Color
R_{YB}	211, 0, 57
Decimal	13828153
CIE _{Lab}	44.44, 70.60, 31.89
CIE _{LCh}	44, 77.467, 24.312
Yxy	14.1443, 0.5886, 0.3016
Android (android.graphics.Color)	4292018233 (0xFFD30039)
YUV	69.5870, -6.2054, 124.0192
Hunter-Lab	37.6089, 65.1918, 18.2133

Details

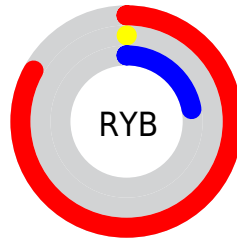
The XYZ color **27.6025, 14.1443, 5.1462** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **29.1311, 48.9231, 38.4991**, and the grayscale version is **5.7546, 6.0543, 6.5931**.

A 20% lighter version of the original color is **47.2284, 29.2389, 16.2512**, and **12.1261, 6.2405, 1.0556** is the 20% darker color. If you saturate the color by 10%, you get **27.6015, 14.1439, 5.1419**, and if you desaturate by 10%, it is **28.3176, 14.8637, 7.5766**.

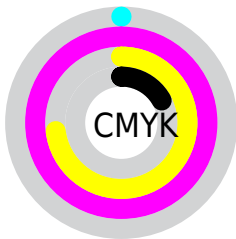
Distribution



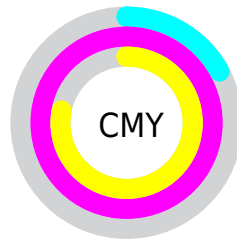
- Red (83%)
- Green (0%)
- Blue (22%)



- Red (83%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (73%)
- Black (17%)





- Cyan (17%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.6025, 14.1443, 5.1462 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 27.6025, 14.1443, 5.1462 by changing the saturation by 10% instead.


 27.6025, 14.1443,
5.1462


 27.6025, 14.1443,
5.1462


282.6773,
218.1267, 160.2214


 18.1652, 8.2211,
2.2731


 55.2623, 33.3448,
16.5772


 11.1690, 4.2367,
0.7161


 74.2154, 47.3910,
25.9721

 6.2488, 1.8069,
0.0000


 97.0712, 64.9135,
38.3780

 3.0390, 0.4914,
0.0000

 124.1950, 86.2969,
54.2134

 1.1744, 0.0000,
0.0000

 155.9521,
111.9256, 73.8969

 0.0860, 0.0000,
0.0000

 192.7080,

 0.0000, 0.0000,

142.1838, 97.8471

0.0000

234.8279,
177.4560, 126.4824

■ 27.6025, 14.1443,
5.1462

■ 27.6025, 14.1443,
5.1462

■ 27.6015, 14.1439,
5.1419

■ 28.3176, 14.8637,
7.5766

■ 29.4539, 16.2236,
10.7697

■ 31.1192, 18.4257,
14.8036

■ 33.3754, 21.5814,
19.7378

■ 36.2753, 25.7851,
25.6254

■ 39.8658, 31.1194,
32.5153

■ 44.1892, 37.6589,
40.4527

■ 49.2842, 45.4716,
49.4803

■ 55.1870, 54.6206,
59.6378

Harmonies

Analogous

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



29.2573, 14.1443, 19.0616



27.6025, 14.1443, 5.1462



21.7239, 14.1443, 0.9578

Triad

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



27.6025, 14.1443, 5.1462



5.8661, 14.1443, 2.7972



12.2899, 14.1443, 81.0966

Complementary

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



27.6025, 14.1443, 5.1462



29.1311, 48.9231, 38.4991

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.



7.5909, 14.1443, 63.5326



27.6025, 14.1443, 5.1462



4.6927, 14.1443, 12.2414

Square

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



27.6025, 14.1443, 5.1462



9.0859, 14.1443, 0.4210



5.2085, 14.1443, 34.3117



19.0106, 14.1443, 72.6965

Rectangle

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



27.6025, 14.1443, 5.1462



16.9543, 14.1443, 0.1424



5.2085, 14.1443, 34.3117



10.4547, 14.1443, 77.7821

Sweetspot

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



27.6028, 14.1452, 5.1464



67.5868, 57.4308, 61.6497



24.5634, 11.3054, 62.5151



13.8343, 11.3330, 12.0462



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.



27.6028, 14.1452, 5.1464



42.3094, 21.6878, 7.5615



27.8314, 15.7836, 1.5810



11.9380, 11.8599, 12.9491



16.6945, 8.5507, 3.2977



0.9670, 0.4915, 0.3610

Inverse Universe

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



27.6028, 14.1452, 5.1464



42.3094, 21.6878, 7.5615



25.2664, 31.7194, 66.4184



11.9380, 11.8599, 12.9491



16.6945, 8.5507, 3.2977



0.9670, 0.4915, 0.3610

Previews

White Background



This preview shows how the XYZ color 27.6025, 14.1443, 5.1462 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 27.6025, 14.1443, 5.1462 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 27.6025, 14.1443, 5.1462

Background



This preview shows how black text looks on a background with the XYZ color 27.6025, 14.1443, 5.1462.



This preview shows how white text looks on a background with the XYZ color 27.6025, 14.1443,

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

27.6025, 14.1443, 5.1462

Protanopia

13.8368, 14.7487, 10.7118

Deuteranopia

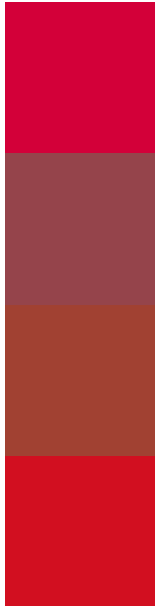
14.9174, 14.6865, 4.6333



Tritanopia

26.9859, 14.3549, 1.8788

Trichromacy



Original Color

27.6025, 14.1443, 5.1462

Protanomaly

15.7315, 11.0318, 7.9568

Deuteranomaly

17.1640, 11.5879, 4.3497

Tritanomaly

27.0099, 14.1476, 2.6737

Monochromacy



Original Color

27.6025, 14.1443, 5.1462

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

9.7777, 6.3234, 5.7062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6025, 14.1443, 5.1462 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(211, 0, 57)` looks like.

```
.text, #text, p{  
  color:rgb(211, 0, 57)  
}
```

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(211, 0, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 0, 57) }
```

Border

The CSS property to change the border of an element to XYZ 27.6025, 14.1443, 5.1462 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(211, 0, 57) }
```


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

```
.border{ border-color:rgb(211, 0, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 0, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 0, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 0, 57);  
box-shadow:4px 4px 4px 4px rgb(211, 0, 57)  
}
```

Background

The CSS property to change the background color of an element to XYZ 27.6025, 14.1443, 5.1462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 0, 57) }
```

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

```
.background{ background-color: rgb(211, 0,  
57) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor