

Converting Colors

XYZ(30.1706, 15.4534, 5.9358)

Have a look what the booklet for
XYZ(30.1706, 15.4534, 5.9358)
contains.

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Color

**XYZ(30.0829, 15.4079,
5.9459)**

Conversions

Conversions Part 1

Format	Color
Hex	DB003E
RGB	219, 0, 62
RGB Percent	86%, 0%, 24%
CMY	0.1412, 0.9998, 0.7569
CMYK	0.00, 1.00, 0.72, 0.14
HSL	343°, 100%, 43%
HSV	343°, 100%, 86%
XYZ	30.0829, 15.4079, 5.9459
YIQ	72.5490, 110.6220, 65.7100

Conversions

Conversions Part 2

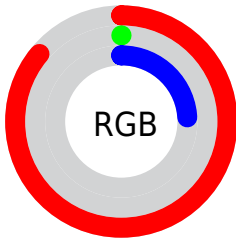
Format	Color
R_{YB}	219, 0, 62
Decimal	14352446
CIE _{Lab}	46.19, 72.69, 31.34
CIE _{LCh}	46, 79.163, 23.323
Yxy	15.4079, 0.5849, 0.2996
Android (android.graphics.Color)	4292542526 (0xFFDB003E)
YUV	72.5490, -5.2007, 128.4375
Hunter-Lab	39.2529, 68.1075, 18.4960

Details

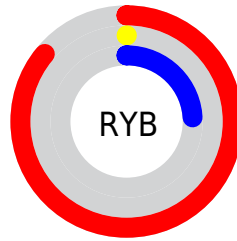
The XYZ color **30.0829, 15.4079, 5.9459** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **31.4221, 53.0990, 40.5140**, and the grayscale version is **6.2545, 6.5803, 7.1659**.

A 20% lighter version of the original color is **47.6565, 29.6765, 17.6844**, and **13.6529, 7.0227, 1.3454** is the 20% darker color. If you saturate the color by 10%, you get **30.0817, 15.4073, 5.9406**, and if you desaturate by 10%, it is **30.8637, 16.1777, 8.6481**.

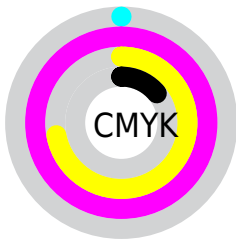
Distribution



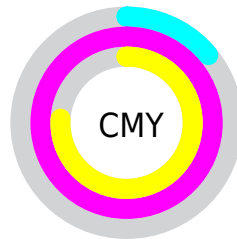
- Red (86%)
- Green (0%)
- Blue (24%)



- Red (86%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (72%)
- Black (14%)





- Cyan (14%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.0829, 15.4079, 5.9459 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 30.0829, 15.4079, 5.9459 by changing the saturation by 10% instead.


 30.0829, 15.4079,
5.9459


 30.0829, 15.4079,
5.9459


294.1936,
225.8220, 167.8767

 20.0499, 9.1062,
2.7440


 59.1790, 35.5672,
18.2942


 12.5398, 4.8105,
0.9654


 78.9728, 50.1935,
28.2777


 7.1872, 2.1365,
0.0000


 102.7509, 68.3635,
41.3587

 3.6268, 0.6850,
0.0000

 130.8787, 90.4615,
57.9559

 1.4933, 0.0000,
0.0000

 163.7215,
116.8720, 78.4877

 0.3212, 0.0000,
0.0000

 201.6447,

 0.0000, 0.0000,

147.9793, 103.3728

0.0000

245.0136,
184.1679, 133.0296

■ 30.0829, 15.4079,
5.9459

■ 30.0829, 15.4079,
5.9459

■ 30.0817, 15.4073,
5.9406

■ 30.8637, 16.1777,
8.6481

■ 32.1022, 17.6478,
12.1652

■ 33.9132, 20.0339,
16.5789

■ 36.3642, 23.4582,
21.9513

■ 39.5128, 28.0240,
28.3384

■ 43.4098, 33.8219,
35.7914

■ 48.1012, 40.9333,
44.3579

■ 53.6292, 49.4326,
54.0825

■ 60.0329, 59.3888,
65.0071

Harmonies

Analogous

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



31.6815, 15.4079, 21.4784



30.0829, 15.4079, 5.9459



23.8422, 15.4079, 1.1382

Triad

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



30.0829, 15.4079, 5.9459



6.5087, 15.4079, 2.9305



13.1874, 15.4079, 87.3649

Complementary

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



30.0829, 15.4079, 5.9459



31.4221, 53.0990, 40.5140

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.



8.1815, 15.4079, 67.7105



30.0829, 15.4079, 5.9459



5.1682, 15.4079, 12.8165

Square

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



30.0829, 15.4079, 5.9459



10.0849, 15.4079, 0.4852



5.6691, 15.4079, 36.2086



20.4059, 15.4079, 79.2633

Rectangle

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



30.0829, 15.4079, 5.9459



18.6927, 15.4079, 0.2657



5.6691, 15.4079, 36.2086



11.2280, 15.4079, 83.4853

Sweetspot

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



30.0832, 15.4089, 5.9461



67.7023, 57.4770, 62.2582



26.6843, 12.2800, 67.9812



13.8611, 11.3437, 12.1873



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.



30.0832, 15.4089, 5.9461



42.4146, 21.7298, 8.1152



30.2497, 17.1325, 1.7141



13.2067, 13.1118, 14.3499



17.8778, 9.1522, 3.7368



1.1948, 0.6075, 0.4346

Inverse Universe

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



30.0832, 15.4089, 5.9461



42.4146, 21.7298, 8.1152



27.4558, 34.4528, 72.2203



13.2067, 13.1118, 14.3499



17.8778, 9.1522, 3.7368



1.1948, 0.6075, 0.4346

Previews

White Background



This preview shows how the XYZ color 30.0829, 15.4079, 5.9459 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 30.0829, 15.4079, 5.9459 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 30.0829, 15.4079, 5.9459

Background



This preview shows how black text looks on a background with the XYZ color 30.0829, 15.4079, 5.9459.



This preview shows how white text looks on a background with the XYZ color 30.0829, 15.4079,

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

30.0829, 15.4079, 5.9459

Protanopia

15.0874, 15.9931, 12.4170

Deuteranopia

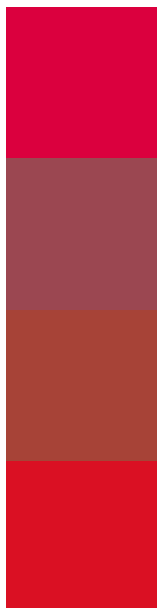
16.2328, 15.9504, 5.3551



Tritanopia

29.3786, 15.6477, 2.0880

Trichromacy



Original Color

30.0829, 15.4079, 5.9459

Protanomaly

17.2560, 12.0691, 9.2047

Deuteranomaly

18.6331, 12.5056, 5.0462

Tritanomaly

29.4021, 15.3974, 3.0124

Monochromacy



Original Color

30.0829, 15.4079, 5.9459

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

10.6554, 6.8193, 6.3849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0829, 15.4079, 5.9459 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(219, 0, 62)` looks like.

```
.text, #text, p{  
    color:rgb(219, 0, 62)  
}
```

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(219, 0, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 0, 62) }
```

Border

The CSS property to change the border of an element to XYZ 30.0829, 15.4079, 5.9459 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(219, 0, 62) }
```


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

```
.border{ border-color:rgb(219, 0, 62) }
```

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

Here you see how a box with a 4 pixel rgb(219, 0, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 0, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 0, 62);  
box-shadow:4px 4px 4px 4px rgb(219, 0, 62)  
}
```

Background

The CSS property to change the background color of an element to XYZ 30.0829, 15.4079, 5.9459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 0, 62) }
```

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

```
.background{ background-color: rgb(219, 0,  
62) }
```

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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