

Converting Colors

XYZ(29.3263, 15.1644, 1.7793)

Have a look what the booklet for
XYZ(29.3263, 15.1644, 1.7793)
contains.

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Color

**XYZ(29.3252, 15.1569,
1.7954)**

Conversions

Conversions Part 1

Format	Color
Hex	DB030E
RGB	219, 3, 14
RGB Percent	86%, 1%, 5%
CMY	0.1412, 0.9880, 0.9451
CMYK	0.00, 0.99, 0.94, 0.14
HSL	357°, 97%, 44%
HSV	357°, 99%, 86%
XYZ	29.3252, 15.1569, 1.7954
YIQ	68.8380, 125.2050, 49.2130

Conversions

Conversions Part 2

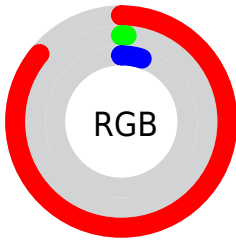
Format	Color
RYB	219, 3, 14
Decimal	14353166
CIELab	45.85, 71.27, 55.73
CIElCh	46, 90.474, 38.023
Yxy	15.1569, 0.6337, 0.3275
Android (android.graphics.Color)	4292543246 (0xFFDB030E)
YUV	68.8380, -27.0351, 131.6921
Hunter-Lab	38.9319, 66.3233, 24.5181

Details

The XYZ color **29.3252, 15.1569, 1.7954** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **36.7609, 55.2388, 68.4321**, and the grayscale version is **5.6631, 5.9581, 6.4883**.

A 20% lighter version of the original color is **45.7096, 28.7636, 7.8454**, and **13.1369, 6.7723, 0.6148** is the 20% darker color. If you saturate the color by 10%, you get **29.2741, 15.0843, 1.6884**, and if you desaturate by 10%, it is **29.8600, 15.8732, 3.0638**.

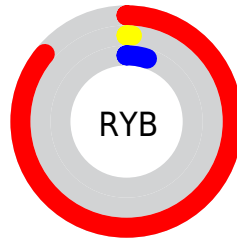
Distribution



Red (86%)

Green (1%)

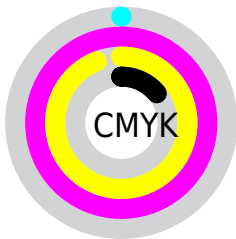
Blue (5%)



Red (86%)

Yellow (1%)

Blue (5%)

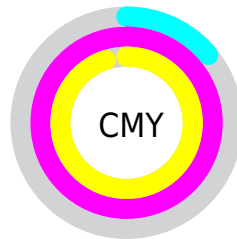


Cyan (0%)

Magenta (99%)

Yellow (94%)

Black (14%)



Cyan (14%)


Magenta (99%)


Yellow (95%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3252, 15.1569, 1.7954 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 29.3252, 15.1569, 1.7954 by changing the saturation by 10% instead.


 29.3252, 15.1569,
1.7954


 29.3252, 15.1569,
1.7954


 290.7129,
224.3139, 119.1142


 19.4725, 8.9296,
0.4249

 57.9874, 35.1282,
8.4735


 12.1182, 4.6953,
0.0000


 77.5275, 49.6410,
14.7125


 6.8970, 2.0696,
0.0000


 101.0275, 67.6843,
23.4429

 3.4435, 0.6474,
0.0000

 128.8527, 89.6427,
35.0832

 1.3924, 0.0000,
0.0000

 161.3685,
115.9004, 50.0519


 0.2508, 0.0000,
0.0000


 198.9402,


 0.0000, 0.0000,


146.8419, 68.7677


0.0000


 241.9332,
182.8517, 91.6489


 29.3252, 15.1569,
1.7954


 29.3252, 15.1569,
1.7954


 29.2741, 15.0843,
1.6884

 29.8600, 15.8732,
3.0638

 30.9273, 17.3625,
5.4089

 32.6434, 19.8126,
9.0086

 35.0896, 23.3487,
14.0054

 38.3353, 28.0771,
20.5223

■ 42.4418, 34.0916,
28.6692

■ 47.4645, 41.4765,
38.5455

■ 53.4541, 50.3090,
50.2428

■ 60.4576, 60.6606,
63.8463

Harmonies

Analogous

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



34.3578, 15.1569, 11.3075



29.3252, 15.1569, 1.7954



20.6221, 15.1569, 0.0000

Triad

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



29.3252, 15.1569, 1.7954



4.6362, 15.1569, 5.2460



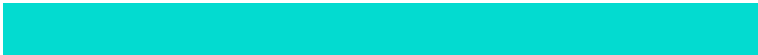
16.5517, 15.1569, 102.8317

Complementary

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



29.3252, 15.1569, 1.7954



36.7609, 55.2388, 68.4321

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.



9.5847, 15.1569, 94.1442



29.3252, 15.1569, 1.7954



4.2164, 15.1569, 23.0875

Square

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



29.3252, 15.1569, 1.7954



7.1285, 15.1569, 0.5436



5.6654, 15.1569, 58.2567



25.4613, 15.1569, 76.6401

Rectangle

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



29.3252, 15.1569, 1.7954



14.9182, 15.1569, 0.0000



5.6654, 15.1569, 58.2567



13.9060, 15.1569, 104.1446

Sweetspot

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



29.3255, 15.1579, 1.7956



65.7427, 56.6932, 51.9391



37.8865, 18.1034, 68.5146



13.4116, 11.1639, 9.8205



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.



29.3255, 15.1579, 1.7956



41.3122, 21.2889, 2.3101



33.4703, 23.5476, 2.8687



13.0827, 13.0622, 13.6966



17.3703, 8.9492, 1.0643



1.1350, 0.5836, 0.1197

Inverse Universe

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



29.3255, 15.1579, 1.7956



41.3122, 21.2889, 2.3101



20.2114, 19.9084, 69.7946



13.0827, 13.0622, 13.6966



17.3703, 8.9492, 1.0643



1.1350, 0.5836, 0.1197

Previews

White Background



This preview shows how the XYZ color 29.3252, 15.1569, 1.7954 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 29.3252, 15.1569, 1.7954 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 29.3252, 15.1569, 1.7954

Background



This preview shows how black text looks on a background with the XYZ color 29.3252, 15.1569, 1.7954.



This preview shows how white text looks on a background with the XYZ color 29.3252, 15.1569,

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

29.3252, 15.1569, 1.7954

Protanopia

14.2854, 15.7695, 3.8043

Deuteranopia

15.6990, 15.5921, 2.1822

Trichromacy



Original Color

29.3252, 15.1569, 1.7954

Protanomaly

16.8133, 12.0848, 2.4834

Deuteranomaly

18.2430, 12.4700, 1.5890

Monochromacy



Original Color

29.3252, 15.1569, 1.7954

Achromatopsia

5.6565, 5.9511, 6.4808

Achromatomaly

9.8049, 6.3836, 3.6211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3252, 15.1569, 1.7954 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, 3, 14)` looks like.

```
.text, #text, p{  
    color:rgb(219, 3, 14)  
}
```

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, 3, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 3, 14) }
```

Border

The CSS property to change the border of an element to XYZ 29.3252, 15.1569, 1.7954 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, 3, 14) }
```

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

```
.border{ border-color:rgb(219, 3, 14) }
```

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

Here you see how a box with a 4 pixel rgb(219, 3, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 3, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 3, 14);  
box-shadow:4px 4px 4px 4px rgb(219, 3, 14)  
}
```


Background

The CSS property to change the background color of an element to XYZ 29.3252, 15.1569, 1.7954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 3, 14) }
```

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

```
.background{ background-color: rgb(219, 3,  
14) }
```

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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