

Converting Colors

XYZ(29.2516, 15.5625, 2.9755)

Have a look what the booklet for
XYZ(29.2516, 15.5625, 2.9755)
contains.

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Color

**XYZ(29.2516, 15.5625,
2.9755)**

Conversions

Conversions Part 1

Format	Color
Hex	D91922
RGB	217, 25, 34
RGB Percent	85%, 10%, 13%
CMY	0.1490, 0.9019, 0.8667
CMYK	0.00, 0.88, 0.84, 0.15
HSL	357°, 79%, 47%
HSV	357°, 88%, 85%
XYZ	29.2516, 15.5625, 2.9755
YIQ	83.4340, 111.5430, 43.5030

Conversions

Conversions Part 2

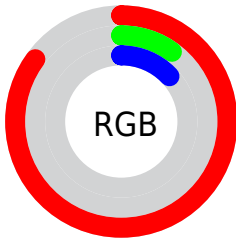
Format	Color
RYB	217, 25, 34
Decimal	14227746
CIELab	46.40, 68.63, 47.34
CIElCh	46, 83.374, 34.594
Yxy	15.5625, 0.6121, 0.3256
Android (android.graphics.Color)	4292417826 (0xFFD91922)
YUV	83.4340, -24.3710, 117.1374
Hunter-Lab	39.4493, 63.3210, 23.1425

Details

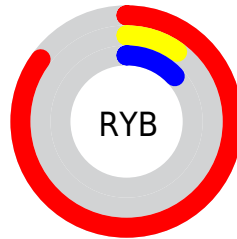
The XYZ color **29.2516, 15.5625, 2.9755** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **36.6025, 54.3876, 68.2598**, and the grayscale version is **8.3456, 8.7802, 9.5617**.

A 20% lighter version of the original color is **46.9081, 30.2198, 11.1453**, and **13.1369, 6.7723, 0.6148** is the 20% darker color. If you saturate the color by 10%, you get **28.7258, 14.8537, 1.7445**, and if you desaturate by 10%, it is **30.3027, 17.0357, 5.2662**.

Distribution



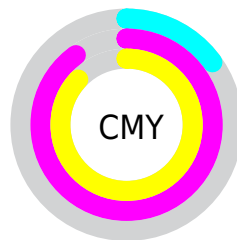
- Red (85%)
- Green (10%)
- Blue (13%)



- Red (85%)
- Yellow (10%)
- Blue (13%)



- Cyan (0%)
- Magenta (88%)
- Yellow (84%)
- Black (15%)





- Cyan (15%)
- Magenta (90%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.2516, 15.5625, 2.9755 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 29.2516, 15.5625, 2.9755 by changing the saturation by 10% instead.

 29.2516, 15.5625,
2.9755


 29.2516, 15.5625,
2.9755


290.3731,
226.7461, 136.0480


 19.4165, 9.2151,
1.0821


 57.8714, 35.8370,
11.5679


 12.0774, 4.8818,
0.0000


 77.3868, 50.5329,
19.1041


 6.8690, 2.1780,
0.0000


 100.8596, 68.7804,
29.3582

 3.4259, 0.7080,
0.0000

 128.6552, 90.9639,
42.7489

 1.3828, 0.0000,
0.0000

 161.1390,
117.4679, 59.6947


 0.2439, 0.0000,
0.0000


 198.6764,


 0.0000, 0.0000,


148.6766, 80.6141


0.0000


 241.6326,
184.9746, 105.9257


 29.2516, 15.5625,
2.9755


 29.2516, 15.5625,
2.9755

 28.7258, 14.8537,
1.7445


 30.3027, 17.0357,
5.2662

 28.6706, 14.7738,
1.6318

 31.9908, 19.4507,
8.7918

 34.3958, 22.9309,
13.6934

 37.5858, 27.5800,
20.0929

 41.6210, 33.4897,
28.0988

■ 46.5554, 40.7423,
37.8095

■ 52.4390, 49.4134,
49.3155

■ 59.3178, 59.5728,
62.7010

■ 67.2348, 71.2858,
78.0446

Harmonies

Analogous

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



33.1776, 15.5625, 13.9811



29.2516, 15.5625, 2.9755



21.5133, 15.5625, 0.3273

Triad

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



29.2516, 15.5625, 2.9755



5.5204, 15.5625, 5.0396



15.9211, 15.5625, 94.3653

Complementary

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



29.2516, 15.5625, 2.9755



36.6025, 54.3876, 68.2598

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.



9.6400, 15.5625, 83.2590



29.2516, 15.5625, 2.9755



4.8802, 15.5625, 20.3005

Square

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



29.2516, 15.5625, 2.9755



8.2754, 15.5625, 0.7941



6.1115, 15.5625, 50.5992



24.0574, 15.5625, 74.4677

Rectangle

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



29.2516, 15.5625, 2.9755



16.1259, 15.5625, 0.0000



6.1115, 15.5625, 50.5992



13.5332, 15.5625, 94.2125

Sweetspot

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



29.2519, 15.5635, 2.9757



68.0559, 60.1312, 56.3735



38.7166, 19.0293, 67.2774



13.9977, 12.0331, 10.9498



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.



29.2519, 15.5635, 2.9757



41.3059, 21.2863, 2.2769



34.5205, 26.2814, 4.1746



13.0806, 13.0613, 13.6856



17.3666, 8.9477, 1.0445



1.1340, 0.5832, 0.1144

Inverse Universe

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



29.2519, 15.5635, 2.9757



41.3059, 21.2863, 2.2769



20.9901, 21.3452, 68.6587



13.0806, 13.0613, 13.6856



17.3666, 8.9477, 1.0445



1.1340, 0.5832, 0.1144

Previews

White Background



This preview shows how the XYZ color 29.2516, 15.5625, 2.9755 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 29.2516, 15.5625, 2.9755 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 29.2516, 15.5625, 2.9755

Background



This preview shows how black text looks on a background with the XYZ color 29.2516, 15.5625, 2.9755.



This preview shows how white text looks on a background with the XYZ color 29.2516, 15.5625,

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

29.2516, 15.5625, 2.9755

Protanopia

14.5187, 15.8462, 5.7834

Deuteranopia

15.8668, 15.6786, 2.1900



Tritanopia

29.1520, 15.5935, 2.2324

Trichromacy



Original Color

29.2516, 15.5625, 2.9755

Protanomaly

17.2864, 13.1107, 4.3088

Deuteranomaly

18.7993, 13.5203, 1.9667

Tritanomaly

29.1711, 15.5651, 2.4442

Monochromacy



Original Color

29.2516, 15.5625, 2.9755

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

12.1925, 8.7324, 6.0439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2516, 15.5625, 2.9755 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(217, 25, 34)` looks like.

```
.text, #text, p{  
    color:rgb(217, 25, 34)  
}
```

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(217, 25, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 25, 34) }
```

Border

The CSS property to change the border of an element to XYZ 29.2516, 15.5625, 2.9755 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(217, 25, 34) }
```


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

```
.border{ border-color:rgb(217, 25, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 25, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 25, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 25, 34);  
box-shadow:4px 4px 4px 4px rgb(217, 25,  
34) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2516, 15.5625, 2.9755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 25, 34) }
```

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

```
.background{ background-color: rgb(217, 25,  
34) }
```

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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