

Converting Colors

XYZ(29.1764, 15.4183, 3.2935)

Have a look what the booklet for
XYZ(29.1764, 15.4183, 3.2935)
contains.

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Color

**XYZ(29.2520, 15.4655,
3.2771)**

Conversions

Conversions Part 1

Format	Color
Hex	D91626
RGB	217, 22, 38
RGB Percent	85%, 9%, 15%
CMY	0.1490, 0.9136, 0.8510
CMYK	0.00, 0.90, 0.82, 0.15
HSL	355°, 82%, 47%
HSV	355°, 90%, 85%
XYZ	29.2520, 15.4655, 3.2771
YIQ	82.1290, 111.0840, 46.3160

Conversions

Conversions Part 2

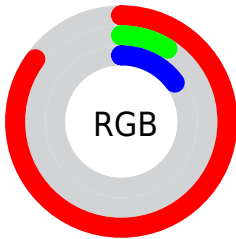
Format	Color
RYB	217, 22, 38
Decimal	14226982
CIELab	46.27, 69.19, 45.14
CIElCh	46, 82.618, 33.120
Yxy	15.4655, 0.6095, 0.3222
Android (android.graphics.Color)	4292417062 (0xFFD91626)
YUV	82.1290, -21.7556, 118.2819
Hunter-Lab	39.3262, 63.9528, 22.5876

Details

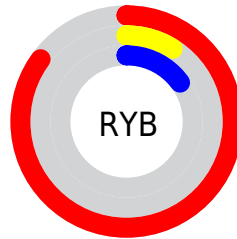
The XYZ color **29.2520, 15.4655, 3.2771** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **35.6901, 54.0145, 63.8208**, and the grayscale version is **8.0757, 8.4962, 9.2524**.

A 20% lighter version of the original color is **46.9324, 30.0845, 11.7208**, and **13.1369, 6.7723, 0.6148** is the 20% darker color. If you saturate the color by 10%, you get **28.7284, 14.8027, 1.9187**, and if you desaturate by 10%, it is **30.2674, 16.8376, 5.6474**.

Distribution



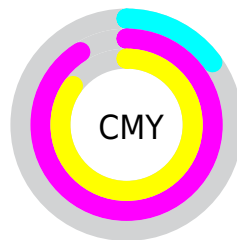
- Red (85%)
- Green (9%)
- Blue (15%)



- Red (85%)
- Yellow (9%)
- Blue (15%)



- Cyan (0%)
- Magenta (90%)
- Yellow (82%)
- Black (15%)





- Cyan (15%)
- Magenta (91%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.2520, 15.4655, 3.2771 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 29.2520, 15.4655, 3.2771 by changing the saturation by 10% instead.

 29.2520, 15.4655,
3.2771


 29.2520, 15.4655,
3.2771


290.3749,
226.1667, 139.8152


 19.4168, 9.1467,
1.2378


 57.8720, 35.6678,
12.3049


 12.0776, 4.8370,
0.0100


 77.3875, 50.3200,
20.1304


 6.8691, 2.1520,
0.0000


 100.8605, 68.5190,
30.7218

 3.4260, 0.6936,
0.0000

 128.6563, 90.6489,
44.4976

 1.3828, 0.0000,
0.0000

 161.1403,
117.0942, 61.8763


 0.2439, 0.0000,
0.0000


 198.6778,


 0.0000, 0.0000,


148.2394, 83.2764


0.0000


 241.6342,
184.4688, 109.1166


 29.2520, 15.4655,
3.2771

 29.2520, 15.4655,
3.2771


 28.7284, 14.8027,
1.9187

 30.2674, 16.8376,
5.6474

 28.7223, 14.7945,
1.9045

 31.8997, 19.1295,
9.1897

 34.2273, 22.4664,
14.0303

 37.3171, 26.9532,
20.2788

 41.2277, 32.6818,
28.0332

■ 46.0121, 39.7352,
37.3828

■ 51.7189, 48.1890,
48.4099

■ 58.3930, 58.1130,
61.1910

■ 66.0765, 69.5726,
75.7981

Harmonies

Analogous

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



32.8476, 15.4655, 14.8105



29.2520, 15.4655, 3.2771



21.7308, 15.4655, 0.4248

Triad

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



29.2520, 15.4655, 3.2771



5.6115, 15.4655, 4.6685



15.4508, 15.4655, 93.1313

Complementary

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



29.2520, 15.4655, 3.2771



35.6901, 54.0145, 63.8208

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.



9.3766, 15.4655, 80.7666



29.2520, 15.4655, 3.2771



4.8842, 15.4655, 19.0453

Square

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



29.2520, 15.4655, 3.2771



8.4598, 15.4655, 0.7392



6.0094, 15.4655, 48.2665



23.4344, 15.4655, 74.8964

Rectangle

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



29.2520, 15.4655, 3.2771



16.3863, 15.4655, 0.0000



6.0094, 15.4655, 48.2665



13.1326, 15.4655, 92.4378

Sweetspot

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



29.2523, 15.4665, 3.2773



68.3217, 60.2375, 57.7731



36.8324, 17.9678, 67.1718



14.0583, 12.0573, 11.2686



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.



29.2523, 15.4665, 3.2773



41.3743, 21.3137, 2.6373



33.6370, 24.5633, 3.7289



13.0991, 13.0687, 13.7832



17.4028, 8.9622, 1.2354



1.1428, 0.5868, 0.1610

Inverse Universe

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



29.2523, 15.4665, 3.2773



41.3743, 21.3137, 2.6373



21.6265, 22.7220, 68.8909



13.0991, 13.0687, 13.7832



17.4028, 8.9622, 1.2354



1.1428, 0.5868, 0.1610

Previews

White Background



This preview shows how the XYZ color 29.2520, 15.4655, 3.2771 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 29.2520, 15.4655, 3.2771 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 29.2520, 15.4655, 3.2771

Background



This preview shows how black text looks on a background with the XYZ color 29.2520, 15.4655, 3.2771.



This preview shows how white text looks on a background with the XYZ color 29.2520, 15.4655,

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

29.2520, 15.4655, 3.2771

Protanopia

14.4999, 15.8222, 6.4274

Deuteranopia

15.9760, 15.7223, 2.7649



Tritanopia

29.1109, 15.5410, 2.1272

Trichromacy



Original Color

29.2520, 15.4655, 3.2771

Protanomaly

17.2982, 12.9991, 4.7293

Deuteranomaly

18.8400, 13.4272, 2.5184

Tritanomaly

29.1607, 15.5261, 2.4968

Monochromacy



Original Color

29.2520, 15.4655, 3.2771

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

11.9593, 8.4504, 6.1550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2520, 15.4655, 3.2771 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, 22, 38)` looks like.

```
.text, #text, p{  
    color:rgb(217, 22, 38)  
}
```

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, 22, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 22, 38) }
```

Border

The CSS property to change the border of an element to XYZ 29.2520, 15.4655, 3.2771 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, 22, 38) }
```


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

```
.border{ border-color:rgb(217, 22, 38) }
```

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

Here you see how a box with a 4 pixel rgb(217, 22, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 22, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 22, 38);  
box-shadow:4px 4px 4px 4px rgb(217, 22,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2520, 15.4655, 3.2771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 22, 38) }
```

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

```
.background{ background-color: rgb(217, 22,  
38) }
```

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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