

Converting Colors

XYZ(28.9257, 15.9062, 3.6525)

Have a look what the booklet for
XYZ(28.9257, 15.9062, 3.6525)
contains.

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Color

**XYZ(28.8249, 15.8425,
3.6365)**

Conversions

Conversions Part 1

Format	Color
Hex	D62629
RGB	214, 38, 41
RGB Percent	84%, 15%, 16%
CMY	0.1608, 0.8509, 0.8392
CMYK	0.00, 0.82, 0.81, 0.16
HSL	359°, 70%, 49%
HSV	359°, 82%, 84%
XYZ	28.8249, 15.8425, 3.6365
YIQ	90.9660, 103.9330, 38.2450

Conversions

Conversions Part 2

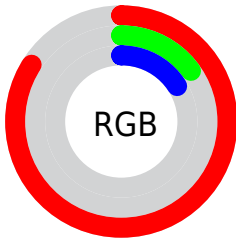
Format	Color
RYB	214, 38, 41
Decimal	14034473
CIELab	46.77, 65.38, 43.81
CIElCh	47, 78.702, 33.826
Yxy	15.8425, 0.5967, 0.3280
Android (android.graphics.Color)	4292224553 (0xFFD62629)
YUV	90.9660, -24.6332, 107.9008
Hunter-Lab	39.8026, 59.6143, 22.4449

Details

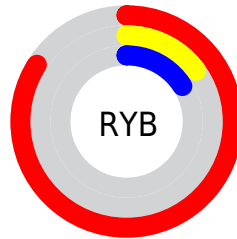
The XYZ color **28.8249, 15.8425, 3.6365** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **36.6063, 53.2091, 69.9797**, and the grayscale version is **9.9757, 10.4952, 11.4293**.

A 20% lighter version of the original color is **47.7528, 31.4673, 12.7895**, and **12.5777, 6.4840, 0.5886** is the 20% darker color. If you saturate the color by 10%, you get **28.0518, 14.7355, 2.0259**, and if you desaturate by 10%, it is **30.1874, 17.8153, 6.4105**.

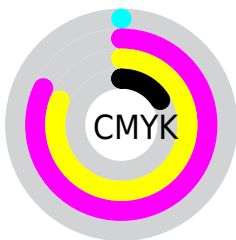
Distribution



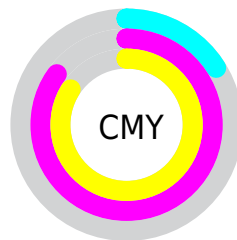
- Red (84%)
- Green (15%)
- Blue (16%)



- Red (84%)
- Yellow (15%)
- Blue (16%)



- Cyan (0%)
- Magenta (82%)
- Yellow (81%)
- Black (16%)





- Cyan (16%)
- Magenta (85%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8249, 15.8425, 3.6365 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 28.8249, 15.8425, 3.6365 by changing the saturation by 10% instead.

 28.8249, 15.8425,
3.6365


 28.8249, 15.8425,
3.6365


288.3970,
228.4105, 144.0951


 19.0920, 9.4128,
1.4281


 57.1983, 36.3246,
13.1623


 11.8412, 5.0114,
0.1635


 76.5694, 51.1457,
21.3169

 6.7071, 2.2539,
0.0000


 99.8841, 69.5327,
32.2906

 3.3243, 0.7492,
0.0000

 127.5076, 91.8701,
46.5020

 1.3275, 0.0000,
0.0000

 159.8053,
118.5421, 64.3696

 0.2036, 0.0000,
0.0000

 197.1425,

 0.0000, 0.0000,

149.9333, 86.3119

0.0000

239.8846,
186.4280, 112.7476

■ 28.8249, 15.8425,
3.6365

■ 28.8249, 15.8425,
3.6365

■ 28.0518, 14.7355,
2.0259

■ 30.1874, 17.8153,
6.4105


■ 27.7512, 14.3040,
1.4025


■ 32.2244, 20.7795,
10.5113

■ 35.0085, 24.8433,
16.0767


■ 38.6023, 30.1001,
23.2275

■ 43.0622, 36.6333,
32.0716

 48.4393, 44.5187,
42.7078

 54.7808, 53.8265,
55.2269

 62.1307, 64.6218,
69.7140

 70.5302, 76.9658,
86.2486

Harmonies

Analogous

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



32.3432, 15.8425, 14.8583



28.8249, 15.8425, 3.6365



21.6298, 15.8425, 0.6992

Triad

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



28.8249, 15.8425, 3.6365



6.0754, 15.8425, 5.4051



15.9519, 15.8425, 88.6386

Complementary

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



28.8249, 15.8425, 3.6365



36.6063, 53.2091, 69.9797

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.



9.9734, 15.8425, 77.8656



28.8249, 15.8425, 3.6365



5.3837, 15.8425, 19.8850

Square

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



28.8249, 15.8425, 3.6365



8.8633, 15.8425, 1.0700



6.5669, 15.8425, 47.8261



23.6216, 15.8425, 71.2056

Rectangle

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



28.8249, 15.8425, 3.6365



16.5157, 15.8425, 0.1669



6.5669, 15.8425, 47.8261



13.6884, 15.8425, 88.2390

Sweetspot

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



28.8252, 15.8435, 3.6367



69.4765, 62.4512, 58.4539



38.8810, 19.6716, 65.3655



14.2614, 12.4734, 11.3061



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.



28.8252, 15.8435, 3.6367



41.3051, 21.3303, 2.1362



34.8151, 27.9033, 5.3862



12.4317, 12.4242, 12.9477



16.7778, 8.6474, 0.8680



1.0150, 0.5228, 0.0685

Inverse Universe

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



28.8252, 15.8435, 3.6367



41.3051, 21.3303, 2.1362



21.1717, 21.7359, 66.6973



12.4317, 12.4242, 12.9477



16.7778, 8.6474, 0.8680



1.0150, 0.5228, 0.0685

Previews

White Background



This preview shows how the XYZ color 28.8249, 15.8425, 3.6365 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 28.8249, 15.8425, 3.6365 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 28.8249, 15.8425, 3.6365

Background



This preview shows how black text looks on a background with the XYZ color 28.8249, 15.8425, 3.6365.



This preview shows how white text looks on a background with the XYZ color 28.8249, 15.8425,

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

28.8249, 15.8425, 3.6365

Protanopia

14.8049, 16.1362, 6.7492

Deuteranopia

16.3140, 16.0410, 3.1561



Tritanopia

28.8069, 15.8871, 3.3819

Trichromacy



Original Color

28.8249, 15.8425, 3.6365

Protanomaly

17.6247, 13.8313, 5.2308

Deuteranomaly

19.3382, 14.3086, 3.0389

Tritanomaly

28.8233, 15.8937, 3.4681

Monochromacy



Original Color

28.8249, 15.8425, 3.6365

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

13.6733, 10.3500, 7.5804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8249, 15.8425, 3.6365 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(214, 38, 41)` looks like.

```
.text, #text, p{  
    color:rgb(214, 38, 41)  
}
```

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(214, 38, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 38, 41) }
```

Border

The CSS property to change the border of an element to XYZ 28.8249, 15.8425, 3.6365 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(214, 38, 41) }
```


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

```
.border{ border-color:rgb(214, 38, 41) }
```

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

Here you see how a box with a 4 pixel rgb(214, 38, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 38, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 38, 41);  
box-shadow:4px 4px 4px 4px rgb(214, 38,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8249, 15.8425, 3.6365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 38, 41) }
```

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

```
.background{ background-color: rgb(214, 38,  
41) }
```

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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