

Converting Colors

XYZ(32.1450, 19.3498, 7.1949)

Have a look what the booklet for
XYZ(32.1450, 19.3498, 7.1949)
contains.

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Color

**XYZ(32.1450, 19.3498,
7.1949)**

Conversions

Conversions Part 1

Format	Color
Hex	DB4242
RGB	219, 66, 66
RGB Percent	86%, 26%, 26%
CMY	0.1412, 0.7411, 0.7412
CMYK	0.00, 0.70, 0.70, 0.14
HSL	0°, 68%, 56%
HSV	0°, 70%, 86%
XYZ	32.1450, 19.3498, 7.1949
YIQ	111.7470, 91.1880, 32.4360

Conversions

Conversions Part 2

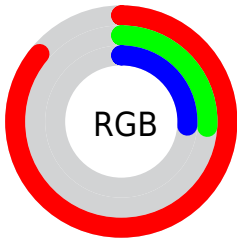
Format	Color
RYB	219, 66, 66
Decimal	14369346
CIELab	51.09, 59.16, 34.82
CIElCh	51, 68.649, 30.481
Yxy	19.3498, 0.5477, 0.3297
Android (android.graphics.Color)	4292559426 (0xFFDB4242)
YUV	111.7470, -22.5533, 94.0609
Hunter-Lab	43.9884, 53.4611, 21.0942

Details

The XYZ color **32.1450, 19.3498, 7.1949** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **40.3619, 56.9306, 75.8789**, and the grayscale version is **15.3733, 16.1739, 17.6134**.

A 20% lighter version of the original color is **51.3602, 36.6408, 20.2850**, and **13.8650, 7.1298, 1.4560** is the 20% darker color. If you saturate the color by 10%, you get **30.5746, 17.0523, 4.0728**, and if you desaturate by 10%, it is **34.4528, 22.7274, 11.7819**.

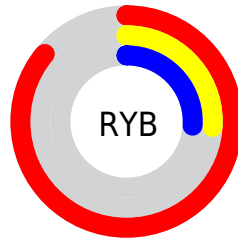
Distribution



Red (86%)

Green (26%)

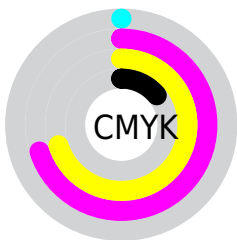
Blue (26%)



Red (86%)

Yellow (26%)

Blue (26%)

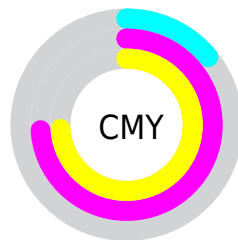


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (14%)



Cyan (14%)


Magenta (74%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1450, 19.3498, 7.1949 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 32.1450, 19.3498, 7.1949 by changing the saturation by 10% instead.

 32.1450, 19.3498,
7.1949


 32.1450, 19.3498,
7.1949


303.5128,
248.3731, 178.9654


 21.6284, 11.9233,
3.5040


 62.4020, 42.3243,
20.8837


 13.6992, 6.6915,
1.3574


 82.8731, 58.6412,
31.7188

 7.9920, 3.2699,
0.1081


 107.3930, 78.6903,
45.7723

 4.1416, 1.2742,
0.0000

 136.3271,
102.8560, 63.4627

 1.7826, 0.1211,
0.0000

 170.0408,
131.5227, 85.2087

 0.5071, 0.0000,
0.0000

 208.8994,

 0.0000, 0.0000,

165.0749, 111.4288

0.0000

253.2683,
203.8969, 142.5415

■ 32.1450, 19.3498,
7.1949

■ 32.1450, 19.3498,
7.1949

■ 30.5746, 17.0523,
4.0728

■ 34.4528, 22.7274,
11.7819

■ 29.6510, 15.7007,
2.2370

■ 37.5720, 27.2917,
17.9825


■ 29.2183, 15.0675,
1.3770


■ 41.5691, 33.1406,
25.9283


■ 29.2134, 15.0603,
1.3672


■ 46.5032, 40.3606,
35.7370

■ 52.4284, 49.0310,
47.5162

 59.3948, 59.2247,
61.3652

 67.4489, 71.0101,
77.3766

 76.6346, 84.4512,
95.6376

 83.0233, 93.8000,
108.3372

Harmonies

Analogous

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



34.8428, 19.3498, 20.7555



32.1450, 19.3498, 7.1949



25.6288, 19.3498, 2.3827

Triad

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



32.1450, 19.3498, 7.1949



9.1865, 19.3498, 7.4645



18.5015, 19.3498, 85.2374

Complementary

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



32.1450, 19.3498, 7.1949



40.3619, 56.9306, 75.8789

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.



12.6636, 19.3498, 73.4659



32.1450, 19.3498, 7.1949



8.1575, 19.3498, 21.3849

Square

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



32.1450, 19.3498, 7.1949



12.5157, 19.3498, 2.4571



9.2559, 19.3498, 46.3972



25.8669, 19.3498, 72.7447

Rectangle

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



32.1450, 19.3498, 7.1949



20.6436, 19.3498, 1.5029



9.2559, 19.3498, 46.3972



16.3093, 19.3498, 83.9360

Sweetspot

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



32.1454, 19.3509, 7.1952



72.8281, 67.4832, 64.7234



43.9476, 24.0709, 69.3473



15.0701, 13.6860, 12.8234



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.



32.1454, 19.3509, 7.1952



42.4232, 22.9917, 4.2815



39.9442, 34.9485, 9.7948



13.0562, 13.0517, 13.5567



17.3223, 8.9301, 0.8107



1.1222, 0.5786, 0.0525

Inverse Universe

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



40.3619, 56.9306, 75.8789



54.7123, 79.1990, 107.0110



24.7805, 25.7679, 70.6851



13.4449, 14.8295, 16.8059



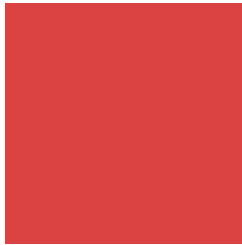
22.6000, 33.0693, 44.9303



1.4642, 2.1424, 2.9108

Previews

White Background



This preview shows how the XYZ color 32.1450, 19.3498, 7.1949 looks on a white 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

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.1450, 19.3498, 7.1949

Background



This preview shows how black text looks on a background with the XYZ color 32.1450, 19.3498, 7.1949.



This preview shows how white text looks on a background with the XYZ color 32.1450, 19.3498,

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

32.1450, 19.3498, 7.1949

Protanopia

18.1550, 19.4965, 11.6104

Deuteranopia

19.7464, 19.3655, 6.5681



Tritanopia

32.2358, 19.3862, 7.6731

Trichromacy



Original Color

32.1450, 19.3498, 7.1949

Protanomaly

21.4725, 17.9598, 9.7320

Deuteranomaly

23.0878, 18.2917, 6.5888

Tritanomaly

32.2050, 19.3739, 7.5110

Monochromacy



Original Color

32.1450, 19.3498, 7.1949

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

18.9203, 15.5900, 12.8384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1450, 19.3498, 7.1949 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, 66, 66)` looks like.

```
.text, #text, p{  
    color:rgb(219, 66, 66)  
}
```

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, 66, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 66, 66) }
```

Border

The CSS property to change the border of an element to XYZ 32.1450, 19.3498, 7.1949 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, 66, 66) }
```


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

```
.border{ border-color:rgb(219, 66, 66) }
```

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

Here you see how a box with a 4 pixel rgb(219, 66, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 66, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 66, 66);  
box-shadow:4px 4px 4px 4px rgb(219, 66,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1450, 19.3498, 7.1949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 66, 66) }
```

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

```
.background{ background-color: rgb(219, 66,  
66) }
```

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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