

Converting Colors

XYZ(32.1370, 20.8010, 8.4522)

Have a look what the booklet for
XYZ(32.1370, 20.8010, 8.4522)
contains.

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Color

**XYZ(32.1365, 20.7998,
8.4519)**

Conversions

Conversions Part 1

Format	Color
Hex	D75148
RGB	215, 81, 72
RGB Percent	84%, 32%, 28%
CMY	0.1569, 0.6823, 0.7176
CMYK	0.00, 0.62, 0.67, 0.16
HSL	4°, 64%, 56%
HSV	4°, 67%, 84%
XYZ	32.1365, 20.7998, 8.4519
YIQ	120.0400, 82.7530, 25.6090

Conversions

Conversions Part 2

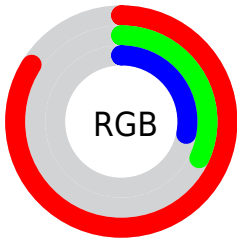
Format	Color
RYB	215, 82, 72
Decimal	14111048
CIELab	52.73, 52.08, 33.18
CIELCh	53, 61.754, 32.504
Yxy	20.7998, 0.5235, 0.3388
Android (android.graphics.Color)	4292301128 (0xFFD75148)
YUV	120.0400, -23.6837, 83.2799
Hunter-Lab	45.6068, 45.9668, 20.9371

Details

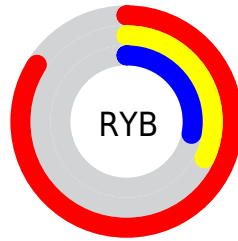
The XYZ color **32.1365, 20.7998, 8.4519** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **37.0077, 50.4230, 72.0718**, and the grayscale version is **17.9211, 18.8544, 20.5324**.

A 20% lighter version of the original color is **53.4953, 40.2488, 23.0384**, and **13.7862, 7.4542, 1.8108** is the 20% darker color. If you saturate the color by 10%, you get **30.2722, 18.0045, 4.9543**, and if you desaturate by 10%, it is **34.6909, 24.5835, 13.3893**.

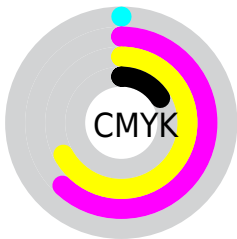
Distribution



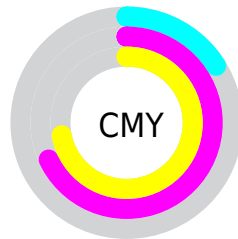
- Red (84%)
- Green (32%)
- Blue (28%)



- Red (84%)
- Yellow (32%)
- Blue (28%)



- Cyan (0%)
- Magenta (62%)
- Yellow (67%)
- Black (16%)





- Cyan (16%)
- Magenta (68%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1365, 20.7998, 8.4519 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 32.1365, 20.7998, 8.4519 by changing the saturation by 10% instead.

 32.1365, 20.7998,
8.4519


 32.1365, 20.7998,
8.4519


303.4748,
256.2126, 189.2997

 21.6218, 12.9777,
4.2936


 62.3888, 44.7541,
23.4003

 13.6943, 7.4132,
1.7877


 82.8571, 61.6551,
35.0275


 7.9887, 3.7218,
0.4198


 107.3740, 82.3513,
49.9813

 4.1394, 1.5192,
0.0000

 136.3048,
107.2270, 68.6804

 1.7813, 0.3022,
0.0000

 170.0150,
136.6665, 91.5432

 0.5064, 0.0000,
0.0000

208.8698,

 0.0000, 0.0000,

171.0544, 118.9884

0.0000

253.2346,
210.7750, 151.4344

■ 32.1365, 20.7998,
8.4519

■ 32.1365, 20.7998,
8.4519

■ 30.2722, 18.0045,
4.9543

■ 34.6909, 24.5835,
13.3893

■ 29.0292, 16.1021,
2.7405

■ 37.9926, 29.4325,
19.8985

■ 28.3257, 14.9842,
1.6147

■ 42.0945, 35.4202,
28.0978

■ 28.1752, 14.7489,
1.3618

■ 47.0442, 42.6125,
38.0936

■ 52.8857, 51.0702,
49.9840

■ 59.6599, 60.8500,
63.8596

■ 67.4050, 72.0054,
79.8054

■ 76.1574, 84.5866,
97.9014

■ 81.8342, 93.1870,
108.2815

Harmonies

Analogous

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



34.8717, 20.7998, 21.1356



32.1365, 20.7998, 8.4519



26.0445, 20.7998, 3.5214

Triad

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



32.1365, 20.7998, 8.4519



10.7058, 20.7998, 9.9181



20.3146, 20.7998, 79.6335

Complementary

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



32.1365, 20.7998, 8.4519



37.0077, 50.4230, 72.0718

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.



14.5934, 20.7998, 70.8109



32.1365, 20.7998, 8.4519



9.8119, 20.7998, 24.2297

Square

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



32.1365, 20.7998, 8.4519



13.8426, 20.7998, 3.9879



11.0686, 20.7998, 47.4990



27.1849, 20.7998, 67.5547

Rectangle

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



32.1365, 20.7998, 8.4519



21.4267, 20.7998, 2.5570



11.0686, 20.7998, 47.4990



18.2002, 20.7998, 79.0135

Sweetspot

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



32.1370, 20.8010, 8.4522



74.5034, 70.3483, 66.7786



41.7083, 23.6285, 61.9401



15.4256, 14.3027, 13.2325



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.



32.1370, 20.8010, 8.4522



43.6625, 25.1489, 5.6849



40.2043, 36.9357, 11.1414



12.4854, 12.5451, 12.9241



16.8789, 8.8750, 0.8234



1.0406, 0.5805, 0.0572

Inverse Universe

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



37.0077, 50.4230, 72.0718



51.2122, 71.5177, 105.7129



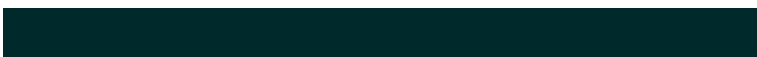
23.7918, 23.9912, 67.6665



12.7221, 13.9676, 15.9630



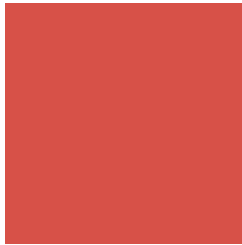
19.9226, 28.1069, 42.8283



1.2223, 1.7367, 2.5901

Previews

White Background



This preview shows how the XYZ color 32.1365, 20.7998, 8.4519 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



This preview shows how the XYZ color 32.1365, 20.7998, 8.4519 looks on a 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 32.1365, 20.7998, 8.4519

Background



This preview shows how black text looks on a background with the XYZ color 32.1365, 20.7998, 8.4519.



This preview shows how white text looks on a background with the XYZ color 32.1365, 20.7998,

8.4519.

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

32.1365, 20.7998, 8.4519

Protanopia

19.4174, 20.8772, 12.4575

Deuteranopia

21.1882, 20.7832, 7.8958



Tritanopia

32.7151, 20.8310, 10.6840

Trichromacy



Original Color

32.1365, 20.7998, 8.4519

Protanomaly

22.6543, 19.7757, 10.8067

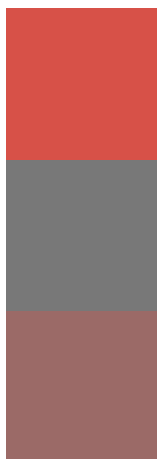
Deuteranomaly

24.3289, 20.0725, 8.0610

Tritanomaly

32.6355, 20.9154, 9.9064

Monochromacy



Original Color

32.1365, 20.7998, 8.4519

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

21.1198, 18.2559, 15.2426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1365, 20.7998, 8.4519 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(215, 81, 72)` looks like.

```
.text, #text, p{  
    color:rgb(215, 81, 72)  
}
```

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(215, 81, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 81, 72) }
```

Border

The CSS property to change the border of an element to XYZ 32.1365, 20.7998, 8.4519 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(215, 81, 72) }
```


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

```
.border{ border-color:rgb(215, 81, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 81, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 81, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 81, 72);  
box-shadow:4px 4px 4px 4px rgb(215, 81,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1365, 20.7998, 8.4519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 81, 72) }
```

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

```
.background{ background-color: rgb(215, 81,  
72) }
```

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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