

Converting Colors

XYZ(32.8374, 20.6101, 9.2686)

Have a look what the booklet for
XYZ(32.8374, 20.6101, 9.2686)
contains.

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Color

**XYZ(32.8374, 20.6101,
9.2686)**

Conversions

Conversions Part 1

Format	Color
Hex	DA4C4D
RGB	218, 76, 77
RGB Percent	85%, 30%, 30%
CMY	0.1451, 0.7019, 0.6980
CMYK	0.00, 0.65, 0.65, 0.15
HSL	360°, 66%, 58%
HSV	360°, 65%, 85%
XYZ	32.8374, 20.6101, 9.2686
YIQ	118.5720, 84.3110, 30.4150

Conversions

Conversions Part 2

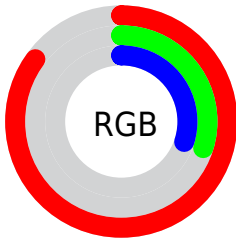
Format	Color
R_{YB}	218, 76, 77
Decimal	14306381
CIE Lab	52.52, 55.50, 30.16
CIE LCh	53, 63.163, 28.520
Yxy	20.6101, 0.5236, 0.3286
Android (android.graphics.Color)	4292496461 (0xFFDA4C4D)
YUV	118.5720, -20.4950, 87.1984
Hunter-Lab	45.3983, 49.6650, 19.6741

Details

The XYZ color **32.8374, 20.6101, 9.2686** 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 **40.5778, 56.6895, 74.4543**, and the grayscale version is **17.4444, 18.3528, 19.9862**.

A 20% lighter version of the original color is **53.2572, 39.2689, 24.5114**, and **14.0391, 7.2863, 2.1053** is the 20% darker color. If you saturate the color by 10%, you get **30.9402, 17.8424, 5.4721**, and if you desaturate by 10%, it is **35.4984, 24.4991, 14.5743**.

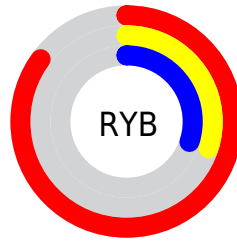
Distribution



Red (85%)

Green (30%)

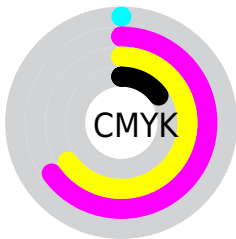
Blue (30%)



Red (85%)

Yellow (30%)

Blue (30%)

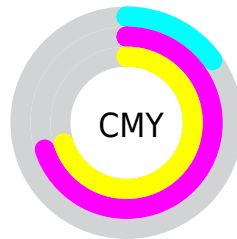


Cyan (0%)

Magenta (65%)

Yellow (65%)

Black (15%)



Cyan (15%)


Magenta (70%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.8374, 20.6101, 9.2686 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 32.8374, 20.6101, 9.2686 by changing the saturation by 10% instead.

 32.8374, 20.6101,
9.2686


 32.8374, 20.6101,
9.2686


306.5944,
255.1991, 195.6604

 22.1605, 12.8393,
4.8176


 63.4780, 44.4377,
24.9963


 14.0922, 7.3180,
2.0838


 84.1724, 61.2633,
37.1102


 8.2669, 3.6617,
0.6061


 108.9367, 81.8760,
52.6153

 4.3195, 1.4862,
0.0000

 138.1363,
106.6601, 71.9304

 1.8844, 0.2790,
0.0000

 172.1365,
136.0001, 95.4739

 0.5678, 0.0000,
0.0000

211.3027,

 0.0000, 0.0000,

170.2803, 123.6644

0.0000

256.0002,
209.8852, 156.9204

■ 32.8374, 20.6101,
9.2686

■ 32.8374, 20.6101,
9.2686

■ 30.9402, 17.8424,
5.4721

■ 35.4984, 24.4991,
14.5743

■ 29.7253, 16.0743,
3.0271

■ 38.9909, 29.6076,
21.5234

■ 29.0952, 15.1625,
1.7428

■ 43.3768, 36.0272,
30.2368

■ 28.9216, 14.9087,
1.3970

■ 48.7115, 43.8395,
40.8233

■ 55.0462, 53.1198,
53.3833

■ 62.4284, 63.9377,
68.0098

■ 70.9023, 76.3587,
84.7901

■ 80.5098, 90.4442,
103.8064

■ 82.7232, 93.6453,
108.3231

Harmonies

Analogous

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



35.0308, 20.6101, 23.3832



32.8374, 20.6101, 9.2686



26.9126, 20.6101, 3.6134

Triad

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



32.8374, 20.6101, 9.2686



10.7068, 20.6101, 8.4041



19.2665, 20.6101, 81.0815

Complementary

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



32.8374, 20.6101, 9.2686



40.5778, 56.6895, 74.4543

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.



13.7319, 20.6101, 69.2622



32.8374, 20.6101, 9.2686



9.5199, 20.6101, 21.5242

Square

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



32.8374, 20.6101, 9.2686



14.1802, 20.6101, 3.3452



10.4914, 20.6101, 44.3879



26.2239, 20.6101, 71.2512

Rectangle

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



32.8374, 20.6101, 9.2686



22.1986, 20.6101, 2.4209



10.4914, 20.6101, 44.3879



17.1929, 20.6101, 79.4258

Sweetspot

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



32.8379, 20.6113, 9.2689



73.7747, 68.8225, 66.7467



43.4504, 24.7751, 68.8212



15.2555, 13.9466, 13.2250



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.



32.8379, 20.6113, 9.2689



43.4098, 24.3984, 6.3566



40.2882, 35.5675, 11.5809



13.0597, 13.0530, 13.5759



17.3288, 8.9326, 0.8456



1.1240, 0.5792, 0.0618

Inverse Universe

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



32.8379, 20.6113, 9.2689



43.4098, 24.3984, 6.3566



26.4422, 28.2112, 70.3809



13.0597, 13.0530, 13.5759



17.3288, 8.9326, 0.8456



1.1240, 0.5792, 0.0618

Previews

White Background



This preview shows how the XYZ color 32.8374, 20.6101, 9.2686 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 32.8374, 20.6101, 9.2686 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 32.8374, 20.6101, 9.2686

Background



This preview shows how black text looks on a background with the XYZ color 32.8374, 20.6101, 9.2686.



This preview shows how white text looks on a background with the XYZ color 32.8374, 20.6101,

9.2686.

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

32.8374, 20.6101, 9.2686

Protanopia

19.4500, 20.8531, 14.3092

Deuteranopia

21.1484, 20.7452, 8.6839



Tritanopia

32.9459, 20.6535, 9.8395

Trichromacy



Original Color

32.8374, 20.6101, 9.2686

Protanomaly

22.7251, 19.4626, 12.2318

Deuteranomaly

24.2844, 19.7288, 8.8314

Tritanomaly

32.9092, 20.6388, 9.6463

Monochromacy



Original Color

32.8374, 20.6101, 9.2686

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

20.8665, 17.6685, 15.4073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8374, 20.6101, 9.2686 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(218, 76, 77)` looks like.

```
.text, #text, p{  
    color:rgb(218, 76, 77)  
}
```

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(218, 76, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 76, 77) }
```

Border

The CSS property to change the border of an element to XYZ 32.8374, 20.6101, 9.2686 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(218, 76, 77) }
```


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

```
.border{ border-color:rgb(218, 76, 77) }
```

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

Here you see how a box with a 4 pixel rgb(218, 76, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 76, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 76, 77);  
box-shadow:4px 4px 4px 4px rgb(218, 76,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8374, 20.6101, 9.2686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 76, 77) }
```

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

```
.background{ background-color: rgb(218, 76,  
77) }
```

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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