

Converting Colors

XYZ(32.0486, 18.7664, 5.4232)

Have a look what the booklet for
XYZ(32.0486, 18.7664, 5.4232)
contains.

XYZ(32.0486, 18.7664, 5.4232)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.0486, 18.7664,
5.4232)**

Conversions

Conversions Part 1

Format	Color
Hex	DD3B36
RGB	221, 59, 54
RGB Percent	87%, 23%, 21%
CMY	0.1333, 0.7686, 0.7882
CMYK	0.00, 0.73, 0.76, 0.13
HSL	2°, 71%, 54%
HSV	2°, 76%, 87%
XYZ	32.0486, 18.7664, 5.4232
YIQ	106.8680, 98.1570, 32.7890

Conversions

Conversions Part 2

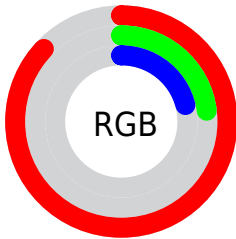
Format	Color
RYB	221, 59, 54
Decimal	14498614
CIELab	50.41, 61.75, 40.92
CIElCh	50, 74.077, 33.531
Yxy	18.7664, 0.5699, 0.3337
Android (android.graphics.Color)	4292688694 (0xFFDD3B36)
YUV	106.8680, -26.0639, 100.0938
Hunter-Lab	43.3202, 56.2452, 22.9017

Details

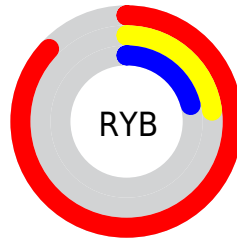
The XYZ color **32.0486, 18.7664, 5.4232** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **39.1254, 55.1106, 76.9814**, and the grayscale version is **13.9907, 14.7193, 16.0293**.

A 20% lighter version of the original color is **49.9996, 34.9419, 16.6796**, and **14.1553, 7.2910, 0.9484** is the 20% darker color. If you saturate the color by 10%, you get **30.7575, 16.8350, 2.9878**, and if you desaturate by 10%, it is **34.0282, 21.6985, 9.2506**.

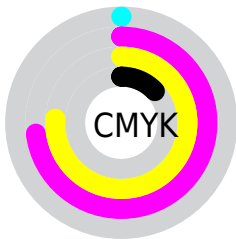
Distribution



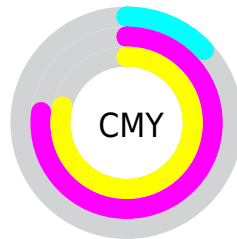
- Red (87%)
- Green (23%)
- Blue (21%)



- Red (87%)
- Yellow (23%)
- Blue (21%)



- Cyan (0%)
- Magenta (73%)
- Yellow (76%)
- Black (13%)





- Cyan (13%)
- Magenta (77%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0486, 18.7664, 5.4232 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 32.0486, 18.7664, 5.4232 by changing the saturation by 10% instead.


 32.0486, 18.7664,
5.4232


 32.0486, 18.7664,
5.4232


303.0819,
245.1561, 162.9301


 21.5544, 11.5016,
2.4346


 62.2519, 41.3390,
17.1779

 13.6446, 6.4053,
0.8052


 82.6918, 57.4156,
26.7811


 7.9539, 3.0931,
0.0000


 107.1775, 77.1982,
39.4263

 4.1170, 1.1805,
0.0000

 136.0744,
101.0713, 55.5319

 1.7686, 0.0457,
0.0000

 169.7480,
129.4193, 75.5166

 0.4986, 0.0000,
0.0000

 208.5635,

 0.0000, 0.0000,

162.6265, 99.7988

0.0000

252.8864,
201.0773, 128.7971

■ 32.0486, 18.7664,
5.4232

■ 32.0486, 18.7664,
5.4232

■ 30.7575, 16.8350,
2.9878

■ 34.0282, 21.6985,
9.2506

■ 30.0596, 15.7682,
1.7407


■ 36.7728, 25.7379,
14.6348


■ 29.8905, 15.5160,
1.4195


■ 40.3500, 30.9814,
21.7185


■ 44.8198, 37.5143,
30.6280

■ 50.2366, 45.4142,
41.4776

 56.6504, 54.7525,
54.3724

 64.1077, 65.5957,
69.4098

 72.6522, 78.0062,
86.6812

 82.3249, 92.0427,
106.2724

Harmonies

Analogous

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



35.5347, 18.7664, 18.0872



32.0486, 18.7664, 5.4232



24.7480, 18.7664, 1.5235

Triad

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



32.0486, 18.7664, 5.4232



8.0910, 18.7664, 7.3645



18.7033, 18.7664, 91.0741

Complementary

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



32.0486, 18.7664, 5.4232



39.1254, 55.1106, 76.9814

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.



12.3495, 18.7664, 80.4605



32.0486, 18.7664, 5.4232



7.2784, 18.7664, 22.9743

Square

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



32.0486, 18.7664, 5.4232



11.2292, 18.7664, 1.9983



8.6050, 18.7664, 51.1000



26.6313, 18.7664, 74.5228

Rectangle

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



32.0486, 18.7664, 5.4232



19.4430, 18.7664, 0.9308



8.6050, 18.7664, 51.1000



16.3218, 18.7664, 90.5949

Sweetspot

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



32.0490, 18.7675, 5.4235



71.4629, 65.6998, 61.3485



43.8210, 23.0837, 68.6239



14.6531, 13.1258, 11.8407



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.



32.0490, 18.7675, 5.4235



41.8562, 22.2458, 2.8958



39.9040, 34.4775, 8.0418



13.0872, 13.1138, 13.5670



17.3786, 9.0428, 0.8295



1.1372, 0.6084, 0.0575

Inverse Universe

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



39.1254, 55.1106, 76.9814



51.9811, 74.5594, 106.2595



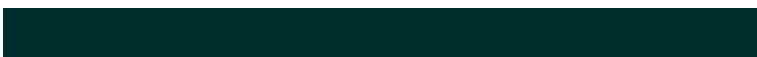
23.1969, 23.2538, 71.6719



13.4096, 14.7590, 16.7941



21.6207, 31.1108, 44.6039



1.4115, 2.0370, 2.8932

Previews

White Background



This preview shows how the XYZ color 32.0486, 18.7664, 5.4232 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 32.0486, 18.7664, 5.4232 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 32.0486, 18.7664, 5.4232

Background



This preview shows how black text looks on a background with the XYZ color 32.0486, 18.7664, 5.4232.



This preview shows how white text looks on a background with the XYZ color 32.0486, 18.7664,

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

32.0486, 18.7664, 5.4232

Protanopia

17.5557, 19.0613, 9.0572

Deuteranopia

19.3293, 19.0152, 4.9370



Tritanopia

32.1475, 18.7245, 6.1948

Trichromacy



Original Color

32.0486, 18.7664, 5.4232

Protanomaly

20.6609, 17.0212, 7.3507

Deuteranomaly

22.5098, 17.6198, 4.9039

Tritanomaly

32.0956, 18.7038, 5.9215

Monochromacy



Original Color

32.0486, 18.7664, 5.4232

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

17.6304, 14.3128, 11.0659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0486, 18.7664, 5.4232 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(221, 59, 54)` looks like.

```
.text, #text, p{  
    color:rgb(221, 59, 54)  
}
```

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(221, 59, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 59, 54) }
```

Border

The CSS property to change the border of an element to XYZ 32.0486, 18.7664, 5.4232 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(221, 59, 54) }
```


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

```
.border{ border-color:rgb(221, 59, 54) }
```

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

Here you see how a box with a 4 pixel rgb(221, 59, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 59, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 59, 54);  
box-shadow:4px 4px 4px 4px rgb(221, 59,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0486, 18.7664, 5.4232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 59, 54) }
```

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

```
.background{ background-color: rgb(221, 59,  
54) }
```

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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