

Converting Colors

XYZ(32.1330, 18.4438, 5.4808)

Have a look what the booklet for
XYZ(32.1330, 18.4438, 5.4808)
contains.

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Color

**XYZ(32.1330, 18.4438,
5.4808)**

Conversions

Conversions Part 1

Format	Color
Hex	DE3637
RGB	222, 54, 55
RGB Percent	87%, 21%, 22%
CMY	0.1294, 0.7882, 0.7843
CMYK	0.00, 0.76, 0.75, 0.13
HSL	360°, 72%, 54%
HSV	360°, 76%, 87%
XYZ	32.1330, 18.4438, 5.4808
YIQ	104.3460, 99.8070, 35.9270

Conversions

Conversions Part 2

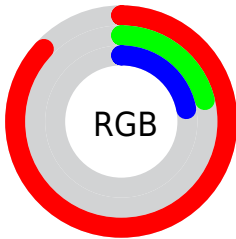
Format	Color
RYB	222, 54, 55
Decimal	14562871
CIELab	50.03, 63.70, 40.00
CIElCh	50, 75.221, 32.124
Yxy	18.4438, 0.5732, 0.3290
Android (android.graphics.Color)	4292752951 (0xFFDE3637)
YUV	104.3460, -24.3276, 103.1826
Hunter-Lab	42.9462, 58.4003, 22.4958

Details

The XYZ color **32.1330, 18.4438, 5.4808** 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 **40.6960, 58.2480, 77.5134**, and the grayscale version is **13.2969, 13.9893, 15.2344**.

A 20% lighter version of the original color is **49.7055, 34.2739, 16.8277**, and **14.1669, 7.2956, 1.0093** is the 20% darker color. If you saturate the color by 10%, you get **30.9091, 16.6619, 3.0208**, and if you desaturate by 10%, it is **34.0652, 21.2646, 9.3432**.

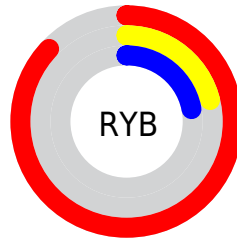
Distribution



Red (87%)

Green (21%)

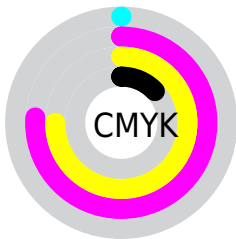
Blue (22%)



Red (87%)

Yellow (21%)

Blue (22%)

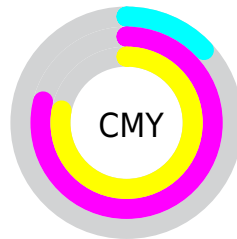


Cyan (0%)

Magenta (76%)

Yellow (75%)

Black (13%)



Cyan (13%)


Magenta (79%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1330, 18.4438, 5.4808 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 32.1330, 18.4438, 5.4808 by changing the saturation by 10% instead.


 32.1330, 18.4438,
5.4808


 32.1330, 18.4438,
5.4808


303.4592,
243.3608, 163.4854

 21.6191, 11.2691,
2.4684


 62.3833, 40.7921,
17.3020

 13.6924, 6.2481,
0.8233


 82.8505, 56.7345,
26.9479

 7.9873, 2.9965,
0.0000


 107.3662, 76.3682,
39.6421

 4.1385, 1.1299,
0.0000

 136.2957,
100.0777, 55.8030

 1.7808, 0.0033,
0.0000

 170.0044,
128.2473, 75.8493

 0.5061, 0.0000,
0.0000

 208.8576,

 0.0000, 0.0000,

161.2614, 100.1994

0.0000

253.2208,
199.5044, 129.2719

■ 32.1330, 18.4438,
5.4808

■ 32.1330, 18.4438,
5.4808

■ 30.9091, 16.6619,
3.0208

■ 34.0652, 21.2646,
9.3432

■ 30.2880, 15.7620,
1.7584


■ 36.7893, 25.2459,
14.7733


■ 30.1312, 15.5324,
1.4474


■ 40.3785, 30.4960,
21.9145


■ 44.8975, 37.1100,
30.8939

■ 50.4047, 45.1738,
41.8263

 56.9540, 54.7663,
54.8174

 64.5949, 65.9609,
69.9653

 73.3743, 78.8260,
87.3616

 83.3360, 93.4261,
107.0928

Harmonies

Analogous

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



35.4116, 18.4438, 18.6425



32.1330, 18.4438, 5.4808



24.8652, 18.4438, 1.4451

Triad

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



32.1330, 18.4438, 5.4808



7.8906, 18.4438, 6.6279



18.0505, 18.4438, 91.9081

Complementary

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



32.1330, 18.4438, 5.4808



40.6960, 58.2480, 77.5134

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.



11.8015, 18.4438, 79.8231



32.1330, 18.4438, 5.4808



6.9859, 18.4438, 21.5941

Square

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



32.1330, 18.4438, 5.4808



11.1293, 18.4438, 1.7157



8.1971, 18.4438, 49.5579



26.0088, 18.4438, 76.1777

Rectangle

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



32.1330, 18.4438, 5.4808



19.5047, 18.4438, 0.8213



8.1971, 18.4438, 49.5579



15.6938, 18.4438, 90.9518

Sweetspot

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



32.1334, 18.4449, 5.4811



71.1020, 64.9152, 61.4224



43.7781, 23.0045, 71.2398



14.5691, 12.9431, 11.8578



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.



32.1334, 18.4449, 5.4811



41.7136, 21.9381, 2.9173



39.4830, 33.1816, 7.8154



13.7105, 13.7018, 14.2458



17.8989, 9.2265, 0.8672



1.2418, 0.6400, 0.0663

Inverse Universe

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



32.1334, 18.4449, 5.4811



41.7136, 21.9381, 2.9173



24.2031, 25.0512, 72.6666



13.7105, 13.7018, 14.2458



17.8989, 9.2265, 0.8672



1.2418, 0.6400, 0.0663

Previews

White Background



This preview shows how the XYZ color 32.1330, 18.4438, 5.4808 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 32.1330, 18.4438, 5.4808 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 32.1330, 18.4438, 5.4808

Background



This preview shows how black text looks on a background with the XYZ color 32.1330, 18.4438, 5.4808.



This preview shows how white text looks on a background with the XYZ color 32.1330, 18.4438,

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

32.1330, 18.4438, 5.4808

Protanopia

17.2269, 18.7006, 9.5391

Deuteranopia

18.8664, 18.6060, 4.9798



Tritanopia

32.1330, 18.4438, 5.4808

Trichromacy



Original Color

32.1330, 18.4438, 5.4808

Protanomaly

20.3305, 16.5696, 7.5956

Deuteranomaly

22.2651, 17.0978, 4.9230

Tritanomaly

32.1330, 18.4438, 5.4808

Monochromacy



Original Color

32.1330, 18.4438, 5.4808

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

17.0401, 13.5305, 10.5176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1330, 18.4438, 5.4808 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(222, 54, 55)` looks like.

```
.text, #text, p{  
    color:rgb(222, 54, 55)  
}
```

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(222, 54, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 54, 55) }
```

Border

The CSS property to change the border of an element to XYZ 32.1330, 18.4438, 5.4808 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(222, 54, 55) }
```


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

```
.border{ border-color:rgb(222, 54, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 54, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 54, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 54, 55);  
box-shadow:4px 4px 4px 4px rgb(222, 54,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1330, 18.4438, 5.4808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 54, 55) }
```

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

```
.background{ background-color: rgb(222, 54,  
55) }
```

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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