

Converting Colors

XYZ(32.0634, 17.5941, 6.5545)

Have a look what the booklet for
XYZ(32.0634, 17.5941, 6.5545)
contains.

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Color

**XYZ(32.1498, 17.6440,
6.5616)**

Conversions

Conversions Part 1

Format	Color
Hex	DF2940
RGB	223, 41, 64
RGB Percent	87%, 16%, 25%
CMY	0.1255, 0.8392, 0.7490
CMYK	0.00, 0.82, 0.71, 0.13
HSL	352°, 74%, 52%
HSV	352°, 82%, 87%
XYZ	32.1498, 17.6440, 6.5616
YIQ	98.0400, 101.0890, 45.7370

Conversions

Conversions Part 2

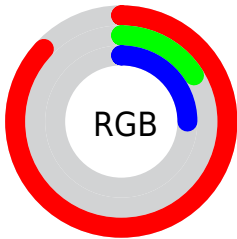
Format	Color
R_{YB}	223, 41, 64
Decimal	14625088
CIE _{Lab}	49.06, 67.94, 33.76
CIE _{LCh}	49, 75.867, 26.425
Yxy	17.6440, 0.5705, 0.3131
Android (android.graphics.Color)	4292815168 (0xFFDF2940)
YUV	98.0400, -16.7817, 109.5899
Hunter-Lab	42.0048, 63.1128, 20.1416

Details

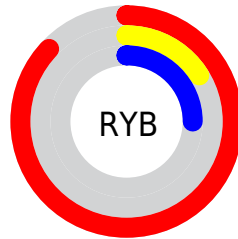
The XYZ color **32.1498, 17.6440, 6.5616** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **37.7298, 57.4177, 63.7474**, and the grayscale version is **11.6440, 12.2504, 13.3407**.

A 20% lighter version of the original color is **49.3187, 32.7379, 19.0489**, and **14.4429, 7.4289, 1.4317** is the 20% darker color. If you saturate the color by 10%, you get **31.1238, 16.3299, 3.9457**, and if you desaturate by 10%, it is **33.8064, 19.9101, 10.3431**.

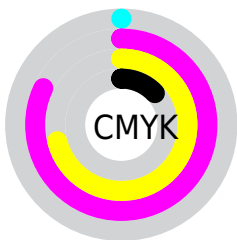
Distribution



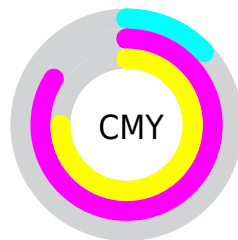
- Red (87%)
- Green (16%)
- Blue (25%)



- Red (87%)
- Yellow (16%)
- Blue (25%)



- Cyan (0%)
- Magenta (82%)
- Yellow (71%)
- Black (13%)





- Cyan (13%)
- Magenta (84%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1498, 17.6440, 6.5616 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 32.1498, 17.6440, 6.5616 by changing the saturation by 10% instead.


 32.1498, 17.6440,
6.5616


 32.1498, 17.6440,
6.5616


303.5343,
238.8567, 173.4599


 21.6320, 10.6947,
3.1152


 62.4095, 39.4298,
19.5833


 13.7019, 5.8619,
1.1538


 82.8821, 55.0350,
29.9957


 7.9939, 2.7613,
0.0000


 107.4037, 74.2944,
43.5672

 4.1428, 1.0084,
0.0000

 136.3397, 97.5923,
60.7163

 1.7833, 0.0000,
0.0000

 170.0554,
125.3131, 81.8616

 0.5075, 0.0000,
0.0000

 208.9161,

 0.0000, 0.0000,

157.8411, 107.4216

0.0000

253.2873,
195.5609, 137.8148

■ 32.1498, 17.6440,
6.5616

■ 32.1498, 17.6440,
6.5616

■ 31.1238, 16.3299,
3.9457

■ 33.8064, 19.9101,
10.3431


■ 30.6428, 15.7725,
2.5383


■ 36.1751, 23.2610,
15.4065


■ 39.3259, 27.8117,
21.8547


■ 43.3203, 33.6618,
29.7795

■ 48.2134, 40.9003,
39.2652

 54.0559, 49.6085,
50.3894

 60.8943, 59.8613,
63.2248

 68.7723, 71.7287,
77.8393

 77.7310, 85.2761,
94.2975

Harmonies

Analogous

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



34.3520, 17.6440, 21.7455



32.1498, 17.6440, 6.5616



25.4793, 17.6440, 1.5978

Triad

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



32.1498, 17.6440, 6.5616



7.7942, 17.6440, 4.7122



15.9357, 17.6440, 90.2843

Complementary

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



32.1498, 17.6440, 6.5616



37.7298, 57.4177, 63.7474

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.



10.3131, 17.6440, 73.4255



32.1498, 17.6440, 6.5616



6.5237, 17.6440, 16.8821

Square

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



32.1498, 17.6440, 6.5616



11.4129, 17.6440, 1.1780



7.2960, 17.6440, 42.3036



23.5857, 17.6440, 79.5280

Rectangle

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



32.1498, 17.6440, 6.5616



20.1718, 17.6440, 0.7579



7.2960, 17.6440, 42.3036



13.7741, 17.6440, 87.4717

Sweetspot

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



32.1502, 17.6451, 6.5619



71.0923, 63.9966, 64.1910



37.5957, 19.0206, 71.5015



14.6021, 12.7815, 12.5704



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.



32.1502, 17.6451, 6.5619



41.6240, 21.5022, 3.6790



36.1674, 26.5192, 5.3118



13.7773, 13.7286, 14.5976



18.0402, 9.2831, 1.6113



1.2738, 0.6528, 0.2346

Inverse Universe

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



32.1502, 17.6451, 6.5619



41.6240, 21.5022, 3.6790



26.1686, 29.6679, 74.1589



13.7773, 13.7286, 14.5976



18.0402, 9.2831, 1.6113



1.2738, 0.6528, 0.2346

Previews

White Background



This preview shows how the XYZ color 32.1498, 17.6440, 6.5616 looks on a white 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

Black Background



This preview shows how the XYZ color 32.1498, 17.6440, 6.5616 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 32.1498, 17.6440, 6.5616

Background



This preview shows how black text looks on a background with the XYZ color 32.1498, 17.6440, 6.5616.



This preview shows how white text looks on a background with the XYZ color 32.1498, 17.6440,

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

32.1498, 17.6440, 6.5616

Protanopia

16.6642, 17.8207, 12.2343

Deuteranopia

18.1138, 17.8651, 5.8618



Tritanopia

31.5362, 17.5958, 4.2168

Trichromacy



Original Color

32.1498, 17.6440, 6.5616

Protanomaly

19.7555, 15.3159, 9.6996

Deuteranomaly

21.2999, 15.8352, 5.8048

Tritanomaly

31.6447, 17.5789, 4.9740

Monochromacy



Original Color

32.1498, 17.6440, 6.5616

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

15.6613, 11.8193, 10.2600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1498, 17.6440, 6.5616 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(223, 41, 64)` looks like.

```
.text, #text, p{  
  color:rgb(223, 41, 64)  
}
```

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(223, 41, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 41, 64) }
```

Border

The CSS property to change the border of an element to XYZ 32.1498, 17.6440, 6.5616 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(223, 41, 64) }
```


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

```
.border{ border-color:rgb(223, 41, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 41, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 41, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 41, 64);  
box-shadow:4px 4px 4px 4px rgb(223, 41,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1498, 17.6440, 6.5616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 41, 64) }
```

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

```
.background{ background-color: rgb(223, 41,  
64) }
```

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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