

Converting Colors

XYZ(32.4070, 17.6949, 3.5411)

Have a look what the booklet for
XYZ(32.4070, 17.6949, 3.5411)
contains.

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Color

**XYZ(32.4070, 17.6949,
3.5411)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E22626 |
| RGB | 226, 38, 38 |
| RGB Percent | 89%, 15%, 15% |
| CMY | 0.1137, 0.8509, 0.8510 |
| CMYK | 0.00, 0.83, 0.83, 0.11 |
| HSL | 0°, 76%, 52% |
| HSV | 0°, 83%, 89% |
| XYZ | 32.4070, 17.6949, 3.5411 |
| YIQ | 94.2120, 112.0480, 39.8560 |

Conversions

Conversions Part 2

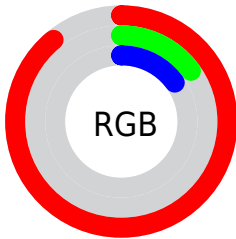
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 226, 38, 38 |
| Decimal | 14820902 |
| CIE Lab | 49.12, 68.60, 48.44 |
| CIE LCh | 49, 83.978, 35.230 |
| Yxy | 17.6949, 0.6041, 0.3299 |
| Android (android.graphics.Color) | 4293010982 (0xFFE22626) |
| YUV | 94.2120, -27.7125, 115.5781 |
| Hunter-Lab | 42.0653, 63.9016, 24.4546 |

Details

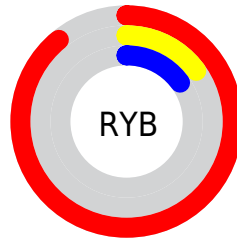
The XYZ color **32.4070, 17.6949, 3.5411** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **41.7179, 60.2853, 81.3885**, and the grayscale version is **10.7365, 11.2957, 12.3010**.

A 20% lighter version of the original color is **47.8300, 31.8165, 12.2146**, and **14.6979, 7.5771, 0.6879** is the 20% darker color. If you saturate the color by 10%, you get **31.6298, 16.5579, 1.9960**, and if you desaturate by 10%, it is **33.8437, 19.7979, 6.3962**.

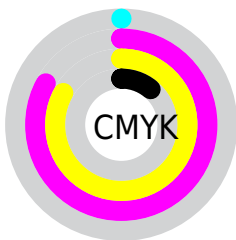
Distribution



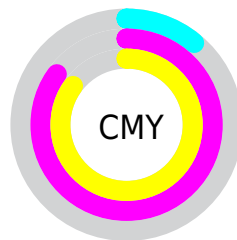
- Red (89%)
- Green (15%)
- Blue (15%)



- Red (89%)
- Yellow (15%)
- Blue (15%)



- Cyan (0%)
- Magenta (83%)
- Yellow (83%)
- Black (11%)





- Cyan (11%)
- Magenta (85%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4070, 17.6949, 3.5411 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 32.4070, 17.6949, 3.5411 by changing the saturation by 10% instead.

 32.4070, 17.6949,
3.5411


 32.4070, 17.6949,
3.5411


304.6816,
239.1457, 142.9793


 21.8296, 10.7312,
1.3771


 62.8095, 39.5168,
12.9368


 13.8477, 5.8864,
0.1238


 83.3653, 55.1437,
21.0055


 8.0958, 2.7761,
0.0000


 107.9780, 74.4271,
31.8796

 4.2086, 1.0160,
0.0000

 137.0129, 97.7514,
45.9776

 1.8208, 0.0000,
0.0000

 170.8353,
125.5010, 63.7181

 0.5302, 0.0000,
0.0000

 209.8107,

 0.0000, 0.0000,

158.0604, 85.5195

0.0000

254.3043,
195.8138, 111.8004

32.4070, 17.6949,
3.5411

32.4070, 17.6949,
3.5411

31.6298, 16.5579,
1.9960

33.8437, 19.7979,
6.3962


31.3641, 16.1691,
1.4679


36.0426, 23.0156,
10.7670

39.0896, 27.4744,
16.8240


43.0592, 33.2831,
24.7152

48.0175, 40.5385,
34.5720

 54.0247, 49.3287,
46.5141

 61.1360, 59.7346,
60.6515

 69.4031, 71.8315,
77.0866

 78.8740, 85.6899,
95.9151

Harmonies

Analogous

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



36.7732, 17.6949, 15.5890



32.4070, 17.6949, 3.5411



23.9687, 17.6949, 0.5904

Triad

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



32.4070, 17.6949, 3.5411



6.4986, 17.6949, 6.2372



18.2322, 17.6949, 102.3406

Complementary

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



32.4070, 17.6949, 3.5411



41.7179, 60.2853, 81.3885

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.



11.2537, 17.6949, 91.2098



32.4070, 17.6949, 3.5411



5.8203, 17.6949, 23.4817

Square

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



32.4070, 17.6949, 3.5411



9.5273, 17.6949, 1.1347



7.2562, 17.6949, 56.5102



27.1150, 17.6949, 80.5455

Rectangle

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



32.4070, 17.6949, 3.5411



18.1053, 17.6949, 0.0706



7.2562, 17.6949, 56.5102



15.5941, 17.6949, 102.4326

Sweetspot

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



32.4074, 17.6960, 3.5413



69.3583, 62.4061, 57.8246



45.7843, 23.0458, 73.9862



14.2343, 12.4631, 11.1617



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.



32.4074, 17.6960, 3.5413



41.2403, 21.2605, 1.9301



39.9649, 32.8110, 6.0605



13.7074, 13.7008, 14.2288



17.8934, 9.2247, 0.8375



1.2403, 0.6395, 0.0581

Inverse Universe

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



41.7179, 60.2853, 81.3885



53.8020, 78.7240, 106.9673



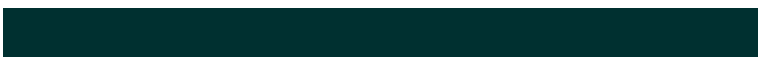
22.7779, 22.4055, 75.0752



14.1165, 15.5721, 17.6494



23.3437, 34.1569, 46.4110



1.6181, 2.3676, 3.2170

Previews

White Background



This preview shows how the XYZ color 32.4070, 17.6949, 3.5411 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 32.4070, 17.6949, 3.5411 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 32.4070, 17.6949, 3.5411

Background



This preview shows how black text looks on a background with the XYZ color 32.4070, 17.6949, 3.5411.



This preview shows how white text looks on a background with the XYZ color 32.4070, 17.6949,

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

32.4070, 17.6949, 3.5411

Protanopia

16.4481, 18.0082, 6.6120

Deuteranopia

17.9834, 17.6993, 2.9204



Tritanopia

32.3911, 17.6885, 3.4573

Trichromacy



Original Color

32.4070, 17.6949, 3.5411

Protanomaly

19.6870, 15.3831, 5.0636

Deuteranomaly

21.2295, 15.6326, 2.7091

Tritanomaly

32.3911, 17.6885, 3.4573

Monochromacy



Original Color

32.4070, 17.6949, 3.5411

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

14.8401, 11.1428, 7.8472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4070, 17.6949, 3.5411 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(226, 38, 38)` looks like.

```
.text, #text, p{  
    color:rgb(226, 38, 38)  
}
```

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(226, 38, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 38, 38) }
```

Border

The CSS property to change the border of an element to XYZ 32.4070, 17.6949, 3.5411 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(226, 38, 38) }
```


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

```
.border{ border-color:rgb(226, 38, 38) }
```

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

Here you see how a box with a 4 pixel rgb(226, 38, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 38, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 38, 38);  
box-shadow:4px 4px 4px 4px rgb(226, 38,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4070, 17.6949, 3.5411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 38, 38) }
```

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

```
.background{ background-color: rgb(226, 38,  
38) }
```

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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