

Converting Colors

XYZ(36.5744, 21.9783, 8.1089)

Have a look what the booklet for
XYZ(36.5744, 21.9783, 8.1089)
contains.

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Color

**XYZ(36.5744, 21.9783,
8.1089)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E84646 |
| RGB | 232, 70, 70 |
| RGB Percent | 91%, 27%, 27% |
| CMY | 0.0902, 0.7254, 0.7255 |
| CMYK | 0.00, 0.70, 0.70, 0.09 |
| HSL | 0°, 78%, 59% |
| HSV | 0°, 70%, 91% |
| XYZ | 36.5744, 21.9783, 8.1089 |
| YIQ | 118.4380, 96.5520, 34.3440 |

Conversions

Conversions Part 2

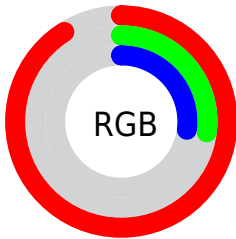
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 232, 70, 70 |
| Decimal | 15222342 |
| CIE _{Lab} | 54.00, 61.94, 36.55 |
| CIE _{LCh} | 54, 71.917, 30.547 |
| Yxy | 21.9783, 0.5487, 0.3297 |
| Android (android.graphics.Color) | 4293412422 (0xFFE84646) |
| YUV | 118.4380, -23.8799, 99.5939 |
| Hunter-Lab | 46.8810, 57.2156, 22.5615 |

Details

The XYZ color **36.5744, 21.9783, 8.1089** 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 **45.9449, 64.8356, 86.4366**, and the grayscale version is **17.4100, 18.3167, 19.9469**.

A 20% lighter version of the original color is **52.2889, 38.0303, 22.0374**, and **16.5486, 8.5096, 1.7476** is the 20% darker color. If you saturate the color by 10%, you get **34.7967, 19.3774, 4.5745**, and if you desaturate by 10%, it is **39.1960, 25.8151, 13.3195**.

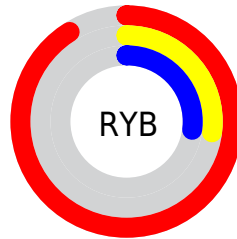
Distribution



Red (91%)

Green (27%)

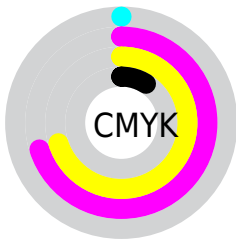
Blue (27%)



Red (91%)

Yellow (27%)

Blue (27%)

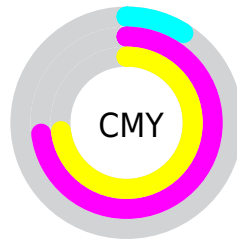


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (9%)



Cyan (9%)

Magenta (73%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5744, 21.9783, 8.1089 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 36.5744, 21.9783, 8.1089 by changing the saturation by 10% instead.

 36.5744, 21.9783,
8.1089


 36.5744, 21.9783,
8.1089

322.8518,
262.4329, 186.5501


 25.0503, 13.8410,
4.0759


 69.2358, 46.7101,
22.7213


 16.2435, 8.0101,
1.6671


 91.1038, 64.0734,
34.1379

 9.7885, 4.1014,
0.3380


 117.1505, 85.2808,
48.8527

 5.3202, 1.7305,
0.0000

 147.7413,
110.7166, 67.2844

 2.4730, 0.4433,
0.0000

 183.2415,
140.7654, 89.8514

 0.8817, 0.0000,
0.0000

224.0164,

 0.0000, 0.0000,

175.8114, 116.9724

0.0000

270.4314,
216.2391, 149.0657

■ 36.5744, 21.9783,
8.1089

■ 36.5744, 21.9783,
8.1089

■ 34.7967, 19.3774,
4.5745

■ 39.1960, 25.8151,
13.3195

■ 33.7580, 17.8575,
2.5101

■ 42.7468, 31.0110,
20.3782


■ 33.2853, 17.1656,
1.5705


■ 47.3034, 37.6787,
29.4364


■ 33.2787, 17.1560,
1.5575

■ 52.9341, 45.9180,
40.6298

■ 59.7011, 55.8201,
54.0824

 67.6620, 67.4691,
69.9085

 76.8704, 80.9436,
88.2146

 87.0886, 95.8957,
108.5274

Harmonies

Analogous

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



39.6681, 21.9783, 23.5248



36.5744, 21.9783, 8.1089



29.1286, 21.9783, 2.6658

Triad

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



36.5744, 21.9783, 8.1089



10.3961, 21.9783, 8.4573



21.0325, 21.9783, 97.2542

Complementary

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



36.5744, 21.9783, 8.1089



45.9449, 64.8356, 86.4366

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.



14.3723, 21.9783, 83.8476



36.5744, 21.9783, 8.1089



9.2307, 21.9783, 24.3411

Square

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



36.5744, 21.9783, 8.1089



14.1808, 21.9783, 2.7614



10.4859, 21.9783, 52.9202



29.4378, 21.9783, 82.9096

Rectangle

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



36.5744, 21.9783, 8.1089



23.4403, 21.9783, 1.6765



10.4859, 21.9783, 52.9202



18.5312, 21.9783, 95.7872

Sweetspot

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



36.5749, 21.9796, 8.1092



72.8281, 67.4832, 64.7234



50.0342, 27.3623, 78.9879



15.0701, 13.6860, 12.8234



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.



36.5749, 21.9796, 8.1092



42.4232, 22.9917, 4.2815



45.4507, 39.7312, 11.0678



14.3771, 14.3682, 14.9200



18.4752, 9.5245, 0.8647



1.3653, 0.7039, 0.0639

Inverse Universe

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



45.9449, 64.8356, 86.4366



54.7123, 79.1989, 107.0110



28.1579, 29.2615, 80.5075



14.8074, 16.3363, 18.5171



24.1041, 35.2702, 47.9206



1.7812, 2.6064, 3.5412

Previews

White Background



This preview shows how the XYZ color 36.5744, 21.9783, 8.1089 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 36.5744, 21.9783, 8.1089 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 36.5744, 21.9783, 8.1089

Background



This preview shows how black text looks on a background with the XYZ color 36.5744, 21.9783, 8.1089.



This preview shows how white text looks on a background with the XYZ color 36.5744, 21.9783,

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

36.5744, 21.9783, 8.1089

Protanopia

20.5538, 22.0313, 13.0667

Deuteranopia

22.4225, 21.9764, 7.4750



Tritanopia

36.6715, 22.0172, 8.6203

Trichromacy



Original Color

36.5744, 21.9783, 8.1089

Protanomaly

24.1575, 20.2339, 10.8159

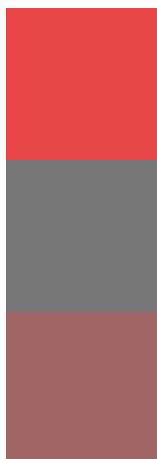
Deuteranomaly

26.1254, 20.7099, 7.4709

Tritanomaly

36.6386, 22.0040, 8.4470

Monochromacy



Original Color

36.5744, 21.9783, 8.1089

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

21.3007, 17.6179, 14.5898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5744, 21.9783, 8.1089 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(232, 70, 70)` looks like.

```
.text, #text, p{  
    color:rgb(232, 70, 70)  
}
```

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(232, 70, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 70, 70) }
```

Border

The CSS property to change the border of an element to XYZ 36.5744, 21.9783, 8.1089 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(232, 70, 70) }
```


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

```
.border{ border-color:rgb(232, 70, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 70, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 70, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 70, 70);  
box-shadow:4px 4px 4px 4px rgb(232, 70,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5744, 21.9783, 8.1089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 70, 70) }
```

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

```
.background{ background-color: rgb(232, 70,  
70) }
```

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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