

Converting Colors

XYZ(34.2140, 20.3497, 8.1133)

Have a look what the booklet for
XYZ(34.2140, 20.3497, 8.1133)
contains.

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Color

**XYZ(34.0790, 20.2431,
8.0724)**

Conversions

Conversions Part 1	
Format	Color
Hex	E14147
RGB	225, 65, 71
RGB Percent	88%, 25%, 28%
CMY	0.1176, 0.7451, 0.7216
CMYK	0.00, 0.71, 0.68, 0.12
HSL	358°, 73%, 57%
HSV	358°, 71%, 88%
XYZ	34.0790, 20.2431, 8.0724
YIQ	113.5240, 93.4340, 35.7860

Conversions

Conversions Part 2

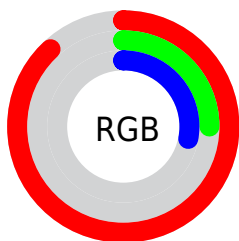
Format	Color
RYB	225, 65, 71
Decimal	14762311
CIELab	52.11, 61.63, 33.41
CIELCh	52, 70.104, 28.465
Yxy	20.2431, 0.5462, 0.3244
Android (android.graphics.Color)	4292952391 (0xFFE14147)
YUV	113.5240, -20.9643, 97.7645
Hunter-Lab	44.9923, 56.4665, 20.8570

Details

The XYZ color **34.0790, 20.2431, 8.0724** 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 **41.8933, 60.0893, 76.4151**, and the grayscale version is **15.8942, 16.7219, 18.2102**.

A 20% lighter version of the original color is **51.7131, 36.7820, 22.1434**, and **15.0981, 7.7605, 1.7391** is the 20% darker color. If you saturate the color by 10%, you get **32.4590, 17.9246, 4.6928**, and if you desaturate by 10%, it is **36.4616, 23.6912, 12.9279**.

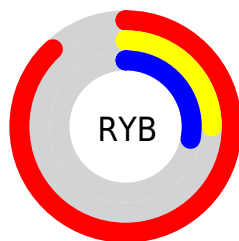
Distribution



Red (88%)

Green (25%)

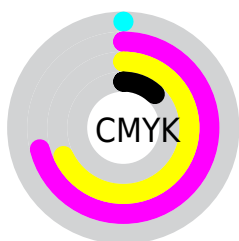
Blue (28%)



Red (88%)

Yellow (25%)

Blue (28%)

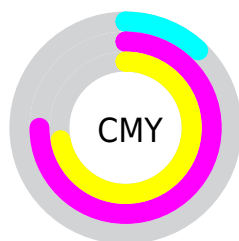


Cyan (0%)

Magenta (71%)

Yellow (68%)

Black (12%)



Cyan (12%)


Magenta (75%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0790, 20.2431, 8.0724 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 34.0790, 20.2431, 8.0724 by changing the saturation by 10% instead.


 34.0790, 20.2431,
8.0724


 34.0790, 20.2431,
8.0724


312.0639,
253.2281, 186.2545

 23.1175, 12.5719,
4.0529


 65.4000, 43.8244,
22.6488


 14.8014, 7.1344,
1.6544


 86.4901, 60.5032,
34.0427

 8.7656, 3.5463,
0.3292


 111.6872, 80.9534,
48.7318

 4.6445, 1.4232,
0.0000

 141.3566,
105.5593, 67.1347

 2.0728, 0.2337,
0.0000

 175.8636,
134.7054, 89.6699

 0.6744, 0.0000,
0.0000


215.5735,


 0.0000, 0.0000,


168.7759, 116.7559


0.0000


260.8519,
208.1554, 148.8112


 34.0790, 20.2431,
8.0724


 34.0790, 20.2431,
8.0724

 32.4590, 17.9246,
4.6928


 36.4616, 23.6912,
12.9279


 31.5074, 16.5905,
2.6206


 39.6836, 28.3838,
19.4011


 31.0973, 16.0259,
1.6962


 43.8140, 34.4258,
27.6183


 48.9142, 41.9098,
37.6929

 55.0404, 50.9204,
49.7288

 62.2443, 61.5356,
63.8222

 70.5743, 73.8282,
80.0631

 80.0757, 87.8664,
98.5358

 84.8612, 94.7475,
108.4232

Harmonies

Analogous

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



36.5694, 20.2431, 23.1154



34.0790, 20.2431, 8.0724



27.3871, 20.2431, 2.6120

Triad

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



34.0790, 20.2431, 8.0724



9.7214, 20.2431, 7.1709



18.8737, 20.2431, 89.7339

Complementary

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



34.0790, 20.2431, 8.0724



41.8933, 60.0893, 76.4151

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.



12.8945, 20.2431, 75.7087



34.0790, 20.2431, 8.0724



8.4894, 20.2431, 21.0010

Square

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



34.0790, 20.2431, 8.0724



13.3903, 20.2431, 2.3651



9.4891, 20.2431, 46.7170



26.5860, 20.2431, 78.1409

Rectangle

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



34.0790, 20.2431, 8.0724



22.1303, 20.2431, 1.5763



9.4891, 20.2431, 46.7170



16.6139, 20.2431, 87.7521

Sweetspot

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



34.0795, 20.2443, 8.0727



73.0655, 67.5769, 65.9772



44.0968, 23.9698, 73.5363



15.1250, 13.7077, 13.1136



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.



34.0795, 20.2443, 8.0727



42.4415, 22.8624, 4.7986



40.9521, 34.2823, 9.4615



13.7279, 13.7088, 14.3375



17.9293, 9.2387, 1.0274



1.2502, 0.6434, 0.1104

Inverse Universe

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



34.0795, 20.2443, 8.0727



42.4415, 22.8624, 4.7986



27.1633, 29.3444, 75.4662



13.7279, 13.7088, 14.3375



17.9293, 9.2387, 1.0274



1.2502, 0.6434, 0.1104

Previews

White Background



This preview shows how the XYZ color 34.0790, 20.2431, 8.0724 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 34.0790, 20.2431, 8.0724 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 34.0790, 20.2431, 8.0724

Background



This preview shows how black text looks on a background with the XYZ color 34.0790, 20.2431, 8.0724.



This preview shows how white text looks on a background with the XYZ color 34.0790, 20.2431,

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

34.0790, 20.2431, 8.0724

Protanopia

19.1409, 20.5259, 13.3090

Deuteranopia

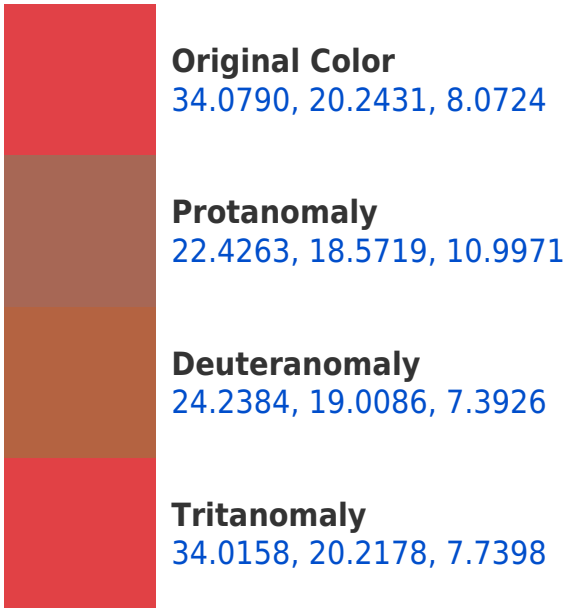
20.7928, 20.4115, 7.4013



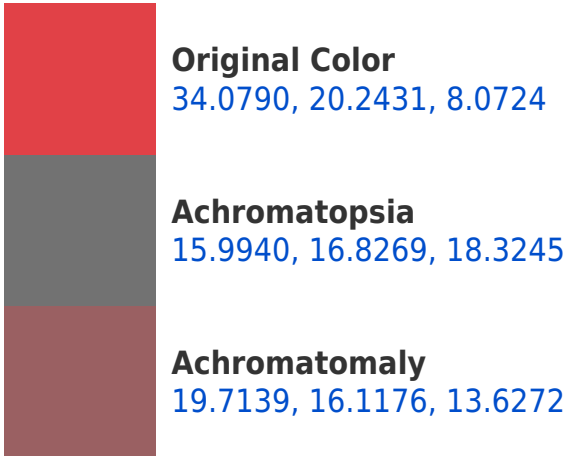
Tritanopia

33.9850, 20.2055, 7.5777

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0790, 20.2431, 8.0724 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(225, 65, 71)` looks like.

```
.text, #text, p{  
    color:rgb(225, 65, 71)  
}
```

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(225, 65, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 65, 71) }
```

Border

The CSS property to change the border of an element to XYZ 34.0790, 20.2431, 8.0724 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(225, 65, 71) }
```


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

```
.border{ border-color:rgb(225, 65, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 65, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 65, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 65, 71);  
box-shadow:4px 4px 4px 4px rgb(225, 65,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0790, 20.2431, 8.0724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 65, 71) }
```

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

```
.background{ background-color: rgb(225, 65,  
71) }
```

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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