

Converting Colors

XYZ(34.9046, 23.3244, 8.7583)

Have a look what the booklet for
XYZ(34.9046, 23.3244, 8.7583)
contains.

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Color

**XYZ(34.9501, 23.3098,
8.7881)**

Conversions

Conversions Part 1

Format	Color
Hex	DE5A48
RGB	222, 90, 72
RGB Percent	87%, 35%, 28%
CMY	0.1294, 0.6470, 0.7176
CMYK	0.00, 0.59, 0.68, 0.13
HSL	7°, 69%, 58%
HSV	7°, 68%, 87%
XYZ	34.9501, 23.3098, 8.7881
YIQ	127.4160, 84.4500, 22.3860

Conversions

Conversions Part 2

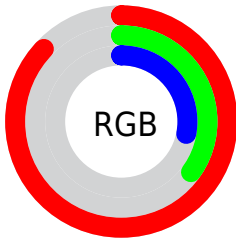
Format	Color
RYB	222, 92, 72
Decimal	14572104
CIELab	55.39, 50.50, 36.65
CIElCh	55, 62.397, 35.975
Yxy	23.3098, 0.5213, 0.3477
Android (android.graphics.Color)	4292762184 (0xFFDE5A48)
YUV	127.4160, -27.3201, 82.9502
Hunter-Lab	48.2802, 44.7259, 23.0040

Details

The XYZ color **34.9501, 23.3098, 8.7881** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **37.4484, 49.8339, 76.7521**, and the grayscale version is **20.3877, 21.4494, 23.3584**.

A 20% lighter version of the original color is **54.6644, 42.5870, 23.4281**, and **15.2671, 8.6968, 1.9109** is the 20% darker color. If you saturate the color by 10%, you get **32.9154, 20.1978, 5.1589**, and if you desaturate by 10%, it is **37.6802, 27.3948, 13.9388**.

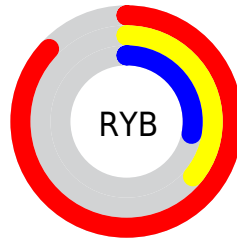
Distribution



Red (87%)

Green (35%)

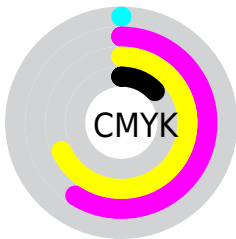
Blue (28%)



Red (87%)

Yellow (36%)

Blue (28%)

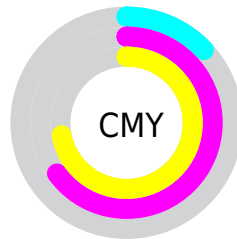


Cyan (0%)

Magenta (59%)

Yellow (68%)

Black (13%)



Cyan (13%)


Magenta (65%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9501, 23.3098, 8.7881 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 34.9501, 23.3098, 8.7881 by changing the saturation by 10% instead.


 34.9501, 23.3098,
8.7881


 34.9501, 23.3098,
8.7881


315.8599,
269.3122, 191.9487


 23.7908, 14.8224,
4.5083


 66.7430, 48.9015,
24.0607

 15.3024, 8.6949,
1.9081


 88.1073, 66.7747,
35.8907

 9.1196, 4.5427,
0.4979


 113.6039, 88.5452,
51.0744

 4.8770, 1.9815,
0.0000

 143.5982,
114.5975, 70.0304

 2.2093, 0.5967,
0.0000

 178.4557,
145.3159, 93.1773

 0.7476, 0.0000,
0.0000

218.5415,

 0.0000, 0.0000,

181.0849, 120.9336

0.0000

264.2211,
222.2889, 153.7179

■ 34.9501, 23.3098,
8.7881

■ 34.9501, 23.3098,
8.7881

■ 32.9154, 20.1978,
5.1589

■ 37.6802, 27.3948,
13.9388

■ 31.5100, 17.9737,
2.8823

■ 41.1604, 32.5209,
20.7534


■ 30.6542, 16.5425,
1.7325


■ 45.4414, 38.7545,
29.3589


■ 30.5080, 16.2975,
1.5378


■ 50.5695, 46.1556,
39.8699

■ 56.5869, 54.7794,
52.3913

 63.5333, 64.6781,
67.0204

 71.4460, 75.9006,
83.8481

 80.3601, 88.4931,
102.9601

 83.9341, 94.2695,
108.3798

Harmonies

Analogous

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



38.4447, 23.3098, 21.5707



34.9501, 23.3098, 8.7881



28.1079, 23.3098, 3.9298

Triad

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



34.9501, 23.3098, 8.7881



11.9844, 23.3098, 12.6858



23.5881, 23.3098, 86.3777

Complementary

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



34.9501, 23.3098, 8.7881



37.4484, 49.8339, 76.7521

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.



17.1086, 23.3098, 79.4787



34.9501, 23.3098, 8.7881



11.2724, 23.3098, 29.6142

Square

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



34.9501, 23.3098, 8.7881



15.1437, 23.3098, 5.2059



12.9401, 23.3098, 55.4772



31.0530, 23.3098, 71.1849

Rectangle

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



34.9501, 23.3098, 8.7881



23.1148, 23.3098, 3.0655



12.9401, 23.3098, 55.4772



21.2227, 23.3098, 86.6371

Sweetspot

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



34.9506, 23.3111, 8.7885



75.2159, 71.7733, 67.0161



43.4006, 24.5481, 59.8923



15.5924, 14.6365, 13.2881



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.



34.9506, 23.3111, 8.7885



44.1816, 26.2746, 5.5881



44.6589, 42.7277, 12.0246



13.8391, 13.9642, 14.2727



18.1636, 9.7651, 0.9275



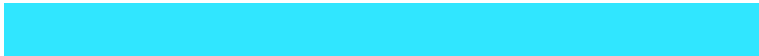
1.3034, 0.7656, 0.0791

Inverse Universe

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



37.4484, 49.8339, 76.7521



47.6439, 64.5668, 104.5593



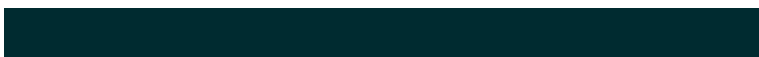
23.7737, 22.4844, 72.1938



13.9688, 15.2767, 17.6001



19.5242, 26.5180, 45.1378



1.3935, 1.9184, 3.1421

Previews

White Background



This preview shows how the XYZ color 34.9501, 23.3098, 8.7881 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 34.9501, 23.3098, 8.7881 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 34.9501, 23.3098, 8.7881

Background



This preview shows how black text looks on a background with the XYZ color 34.9501, 23.3098, 8.7881.



This preview shows how white text looks on a background with the XYZ color 34.9501, 23.3098,

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

34.9501, 23.3098, 8.7881

Protanopia

21.8260, 23.4994, 12.6180

Deuteranopia

23.8533, 23.4529, 8.2707



Tritanopia

35.8154, 23.2947, 12.9646

Trichromacy



Original Color

34.9501, 23.3098, 8.7881

Protanomaly

25.1179, 22.2160, 10.9469

Deuteranomaly

27.0683, 22.7663, 8.4365

Tritanomaly

35.5608, 23.3233, 11.2219

Monochromacy



Original Color

34.9501, 23.3098, 8.7881

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

23.5714, 20.7775, 16.6780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9501, 23.3098, 8.7881 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, 90, 72)` looks like.

```
.text, #text, p{  
  color:rgb(222, 90, 72)  
}
```

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, 90, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 90, 72) }
```

Border

The CSS property to change the border of an element to XYZ 34.9501, 23.3098, 8.7881 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, 90, 72) }
```


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

```
.border{ border-color:rgb(222, 90, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 90, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 90, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 90, 72);  
box-shadow:4px 4px 4px 4px rgb(222, 90,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9501, 23.3098, 8.7881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 90, 72) }
```

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

```
.background{ background-color: rgb(222, 90,  
72) }
```

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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