

Converting Colors

XYZ(34.4864, 22.9053, 10.0005)

Have a look what the booklet for
XYZ(34.4864, 22.9053, 10.0005)
contains.

XYZ(34.4989, 22.9249, 10.0038)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.4989, 22.9249,
10.0038)**

Conversions

Conversions Part 1

Format	Color
Hex	DC594F
RGB	220, 89, 79
RGB Percent	86%, 35%, 31%
CMY	0.1373, 0.6509, 0.6902
CMYK	0.00, 0.60, 0.64, 0.14
HSL	4°, 67%, 59%
HSV	4°, 64%, 86%
XYZ	34.4989, 22.9249, 10.0038
YIQ	127.0290, 81.2860, 24.6620

Conversions

Conversions Part 2

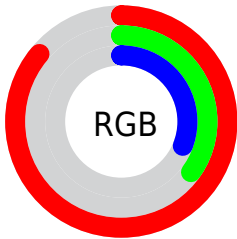
Format	Color
R_{YB}	220, 90, 79
Decimal	14440783
CIE _{Lab}	54.99, 50.65, 32.16
CIE _{LCh}	55, 59.998, 32.411
Yxy	22.9249, 0.5116, 0.3400
Android (android.graphics.Color)	4292630863 (0xFFDC594F)
YUV	127.0290, -23.6783, 81.5356
Hunter-Lab	47.8800, 44.8245, 21.1282

Details

The XYZ color **34.4989, 22.9249, 10.0038** 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 **39.1875, 52.9192, 75.8589**, and the grayscale version is **20.2429, 21.2971, 23.1925**.

A 20% lighter version of the original color is **54.9587, 42.4634, 25.7217**, and **15.1033, 8.5194, 2.3618** is the 20% darker color. If you saturate the color by 10%, you get **32.3554, 19.7144, 5.9710**, and if you desaturate by 10%, it is **37.3805, 27.1880, 15.5898**.

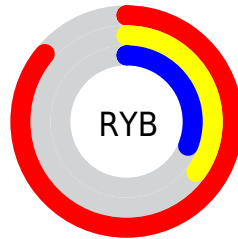
Distribution



Red (86%)

Green (35%)

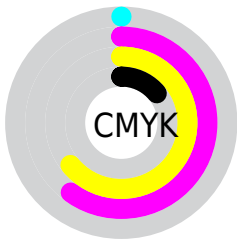
Blue (31%)



Red (86%)

Yellow (35%)

Blue (31%)

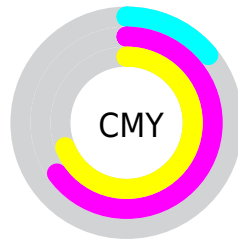


Cyan (0%)

Magenta (60%)

Yellow (64%)

Black (14%)



Cyan (14%)


Magenta (65%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4989, 22.9249, 10.0038 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 34.4989, 22.9249, 10.0038 by changing the saturation by 10% instead.


 34.4989, 22.9249,
10.0038


 34.4989, 22.9249,
10.0038


313.8978,
267.3390, 201.1850


 23.4418, 14.5381,
5.2958


 66.0479, 48.2700,
26.4106


 15.0426, 8.4958,
2.3601


 87.2705, 65.9970,
38.9465


 8.9358, 4.4138,
0.7646


 112.6124, 87.6062,
54.9288

 4.7561, 1.9076,
0.0000

 142.4389,
113.4821, 74.7760

 2.1382, 0.5530,
0.0000

 177.1153,
144.0088, 98.9067

 0.7098, 0.0000,
0.0000

217.0071,

 0.0000, 0.0000,

179.5710, 127.7394

0.0000

262.4794,
220.5529, 161.6926

■ 34.4989, 22.9249,
10.0038

■ 34.4989, 22.9249,
10.0038

■ 32.3554, 19.7144,
5.9710

■ 37.3805, 27.1880,
15.5898

■ 30.8808, 17.4616,
3.3330

■ 41.0576, 32.5804,
22.8638

■ 29.9957, 16.0606,
1.8999

■ 45.5840, 39.1761,
31.9476

■ 29.6947, 15.5748,
1.4412

■ 51.0082, 47.0417,
42.9511

■ 57.3751, 56.2390,
55.9757

■ 64.7265, 66.8256,
71.1157

■ 73.1017, 78.8559,
88.4591

■ 82.5379, 92.3813,
108.0889

■ 83.3251, 93.9556,
108.3513

Harmonies

Analogous

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



37.2665, 22.9249, 23.4487



34.4989, 22.9249, 10.0038



28.2802, 22.9249, 4.5159

Triad

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



34.4989, 22.9249, 10.0038



12.2900, 22.9249, 11.5293



22.3331, 22.9249, 82.5245

Complementary

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



34.4989, 22.9249, 10.0038



39.1875, 52.9192, 75.8589

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.



16.3766, 22.9249, 73.6714



34.4989, 22.9249, 10.0038



11.3291, 22.9249, 26.5376

Square

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



34.4989, 22.9249, 10.0038



15.6166, 22.9249, 5.0281



12.6617, 22.9249, 50.2561



29.4060, 22.9249, 70.5394

Rectangle

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



34.4989, 22.9249, 10.0038



23.5262, 22.9249, 3.3924



12.6617, 22.9249, 50.2561



20.1403, 22.9249, 81.8848

Sweetspot

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



34.4994, 22.9262, 10.0042



75.4913, 71.8306, 68.6293



44.0189, 25.4908, 63.9654



15.6217, 14.5992, 13.5932



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.



34.4994, 22.9262, 10.0042



44.3758, 26.2829, 6.8245



43.3074, 40.5421, 12.9402



13.1299, 13.1991, 13.5812



17.4574, 9.2003, 0.8557



1.1576, 0.6492, 0.0643

Inverse Universe

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



39.1875, 52.9192, 75.8589



51.3074, 71.0880, 105.6249



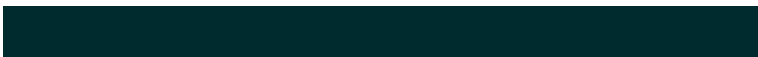
25.5355, 25.6151, 71.3082



13.3617, 14.6631, 16.7782



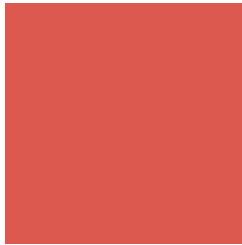
20.3428, 28.5551, 44.1779



1.3421, 1.8983, 2.8701

Previews

White Background



This preview shows how the XYZ color 34.4989, 22.9249, 10.0038 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 34.4989, 22.9249, 10.0038 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 34.4989, 22.9249, 10.0038

Background



This preview shows how black text looks on a background with the XYZ color 34.4989, 22.9249, 10.0038.



This preview shows how white text looks on a background with the XYZ color 34.4989, 22.9249,

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

34.4989, 22.9249, 10.0038

Protanopia

21.5179, 23.0978, 14.3905

Deuteranopia

23.5308, 23.0710, 9.3438



Tritanopia

35.2028, 22.9789, 12.9359

Trichromacy



Original Color

34.4989, 22.9249, 10.0038

Protanomaly

24.6684, 21.7750, 12.5757

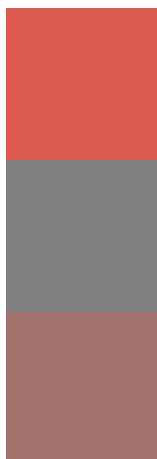
Deuteranomaly

26.7036, 22.3855, 9.5700

Tritanomaly

35.0700, 23.0562, 11.8344

Monochromacy



Original Color

34.4989, 22.9249, 10.0038

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

23.4175, 20.5131, 17.4770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4989, 22.9249, 10.0038 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(220, 89, 79)` looks like.

```
.text, #text, p{  
    color:rgb(220, 89, 79)  
}
```

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(220, 89, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 89, 79) }
```

Border

The CSS property to change the border of an element to XYZ 34.4989, 22.9249, 10.0038 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(220, 89, 79) }
```


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

```
.border{ border-color:rgb(220, 89, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 89, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 89, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 89, 79);  
box-shadow:4px 4px 4px 4px rgb(220, 89,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4989, 22.9249, 10.0038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 89, 79) }
```

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

```
.background{ background-color: rgb(220, 89,  
79) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor