

Converting Colors

XYZ(34.7677, 21.3113, 11.4328)

Have a look what the booklet for
XYZ(34.7677, 21.3113, 11.4328)
contains.

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Color

**XYZ(34.9507, 21.4494,
11.5306)**

Conversions

Conversions Part 1

Format	Color
Hex	E04A58
RGB	224, 74, 88
RGB Percent	88%, 29%, 35%
CMY	0.1216, 0.7098, 0.6549
CMYK	0.00, 0.67, 0.61, 0.12
HSL	354°, 71%, 58%
HSV	354°, 67%, 88%
XYZ	34.9507, 21.4494, 11.5306
YIQ	120.4460, 84.9060, 36.1540

Conversions

Conversions Part 2

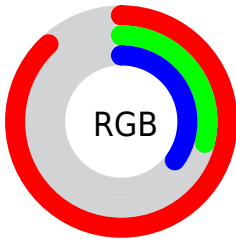
Format	Color
R_{YB}	224, 74, 88
Decimal	14699096
CIE Lab	53.44, 58.91, 25.10
CIE LCh	53, 64.036, 23.075
Yxy	21.4494, 0.5145, 0.3158
Android (android.graphics.Color)	4292889176 (0xFFE04A58)
YUV	120.4460, -15.9959, 90.8169
Hunter-Lab	46.3135, 53.6573, 17.6581

Details

The XYZ color **34.9507, 21.4494, 11.5306** 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 **41.1142, 59.4208, 70.2805**, and the grayscale version is **18.0272, 18.9661, 20.6540**.

A 20% lighter version of the original color is **53.9437, 39.3276, 28.7926**, and **15.3363, 7.8558, 2.9935** is the 20% darker color. If you saturate the color by 10%, you get **32.9849, 18.6821, 7.2869**, and if you desaturate by 10%, it is **37.6840, 25.3772, 17.1865**.

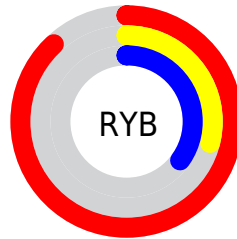
Distribution



Red (88%)

Green (29%)

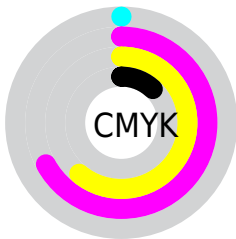
Blue (35%)



Red (88%)

Yellow (29%)

Blue (35%)

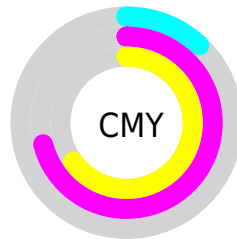


Cyan (0%)

Magenta (67%)

Yellow (61%)

Black (12%)



Cyan (12%)

Magenta (71%)

Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9507, 21.4494, 11.5306 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 34.9507, 21.4494, 11.5306 by changing the saturation by 10% instead.


 34.9507, 21.4494,
11.5306


 34.9507, 21.4494,
11.5306


315.8625,
259.6573, 212.1389


 23.7912, 13.4529,
6.3063

 66.7439, 45.8343,
29.2887

 15.3027, 7.7411,
2.9604


 88.1084, 62.9914,
42.6597


 9.1198, 3.9298,
1.0745

 113.6052, 83.9709,
59.5832

 4.8772, 1.6343,
0.0000

 143.5998,
109.1571, 80.4779

 2.2094, 0.3806,
0.0000

 178.4574,
138.9345, 105.7622

 0.7477, 0.0000,
0.0000

218.5435,

 0.0000, 0.0000,

173.6874, 135.8548

0.0000

264.2234,
213.8002, 171.1742

■ 34.9507, 21.4494,
11.5306

■ 34.9507, 21.4494,
11.5306

■ 32.9849, 18.6821,
7.2869

■ 37.6840, 25.3772,
17.1865

■ 31.7056, 16.9446,
4.3292

■ 41.2518, 30.5705,
24.3638


■ 31.0129, 16.0745,
2.5093


■ 45.7155, 37.1265,
33.1620


■ 30.8747, 15.9010,
2.1463

■ 51.1302, 45.1322,
43.6721

■ 57.5466, 54.6671,
55.9782

 65.0119, 65.8051,
70.1587

 73.5702, 78.6152,
86.2877

 83.2630, 93.1624,
104.4348

 84.5503, 94.5872,
108.4086

Harmonies

Analogous

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



36.3314, 21.4494, 28.1709



34.9507, 21.4494, 11.5306



29.3022, 21.4494, 4.3801

Triad

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



34.9507, 21.4494, 11.5306



11.6133, 21.4494, 7.3002



18.8496, 21.4494, 83.8075

Complementary

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



34.9507, 21.4494, 11.5306



41.1142, 59.4208, 70.2805

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.



13.4928, 21.4494, 67.9502



34.9507, 21.4494, 11.5306



9.9606, 21.4494, 19.1214

Square

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



34.9507, 21.4494, 11.5306



15.6764, 21.4494, 3.0602



10.5625, 21.4494, 41.3373



25.9578, 21.4494, 77.5813

Rectangle

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



34.9507, 21.4494, 11.5306



24.4387, 21.4494, 2.7189



10.5625, 21.4494, 41.3373



16.8099, 21.4494, 80.6833

Sweetspot

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



34.9512, 21.4506, 11.5309



74.3115, 69.0372, 69.5731



42.1985, 23.8360, 72.8974



15.3809, 13.9968, 13.8854



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.



34.9512, 21.4506, 11.5309



43.5303, 24.0702, 8.1510



40.5025, 33.3935, 10.7911



13.7589, 13.7212, 14.5006



17.9898, 9.2629, 1.3463



1.2650, 0.6493, 0.1884

Inverse Universe

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



34.9512, 21.4506, 11.5309



43.5303, 24.0702, 8.1510



29.5553, 33.3902, 75.4079



13.7589, 13.7212, 14.5006



17.9898, 9.2629, 1.3463



1.2650, 0.6493, 0.1884

Previews

White Background



This preview shows how the XYZ color 34.9507, 21.4494, 11.5306 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 34.9507, 21.4494, 11.5306 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 34.9507, 21.4494, 11.5306

Background



This preview shows how black text looks on a background with the XYZ color 34.9507, 21.4494, 11.5306.



This preview shows how white text looks on a background with the XYZ color 34.9507, 21.4494,

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

34.9507, 21.4494, 11.5306

Protanopia

20.4199, 21.6544, 18.1424

Deuteranopia

21.9251, 21.4668, 10.5774



Tritanopia

34.7045, 21.4586, 9.9022

Trichromacy



Original Color

34.9507, 21.4494, 11.5306

Protanomaly

23.7471, 19.9199, 15.4253

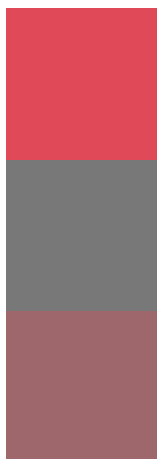
Deuteranomaly

25.4353, 20.4310, 10.7866

Tritanomaly

34.8179, 21.5040, 10.4992

Monochromacy



Original Color

34.9507, 21.4494, 11.5306

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

21.6576, 18.0523, 16.5303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9507, 21.4494, 11.5306 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(224, 74, 88)` looks like.

```
.text, #text, p{  
    color:rgb(224, 74, 88)  
}
```

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(224, 74, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 74, 88) }
```

Border

The CSS property to change the border of an element to XYZ 34.9507, 21.4494, 11.5306 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(224, 74, 88) }
```


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

```
.border{ border-color:rgb(224, 74, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 74, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 74, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 74, 88);  
box-shadow:4px 4px 4px 4px rgb(224, 74,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9507, 21.4494, 11.5306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 74, 88) }
```

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

```
.background{ background-color: rgb(224, 74,  
88) }
```

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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