

Converting Colors

XYZ(34.0846, 21.4949, 3.2555)

Have a look what the booklet for
XYZ(34.0846, 21.4949, 3.2555)
contains.

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Color

**XYZ(34.1934, 21.5467,
3.2764)**

Conversions

Conversions Part 1

Format	Color
Hex	E24D19
RGB	226, 77, 25
RGB Percent	89%, 30%, 10%
CMY	0.1137, 0.6980, 0.9020
CMYK	0.00, 0.66, 0.89, 0.11
HSL	16°, 80%, 49%
HSV	16°, 89%, 89%
XYZ	34.1934, 21.5467, 3.2764
YIQ	115.6230, 105.4960, 15.4160

Conversions

Conversions Part 2

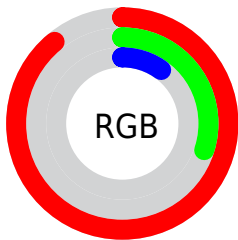
Format	Color
R_{YB}	226, 95, 25
Decimal	14830873
CIE _{Lab}	53.54, 55.85, 57.69
CIE _{LCh}	54, 80.301, 45.928
Yxy	21.5467, 0.5794, 0.3651
Android (android.graphics.Color)	4293020953 (0xFFE24D19)
YUV	115.6230, -44.6771, 96.8006
Hunter-Lab	46.4184, 50.2570, 28.3080

Details

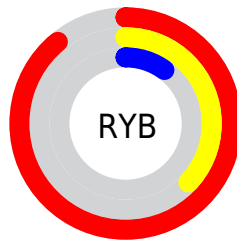
The XYZ color **34.1934, 21.5467, 3.2764** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **29.2626, 35.9662, 77.3509**, and the grayscale version is **16.5959, 17.4601, 19.0141**.

A 20% lighter version of the original color is **50.7958, 38.2843, 11.5499**, and **14.9763, 7.8333, 0.7226** is the 20% darker color. If you saturate the color by 10%, you get **33.0064, 19.4327, 2.0802**, and if you desaturate by 10%, it is **35.8707, 24.3419, 5.5612**.

Distribution



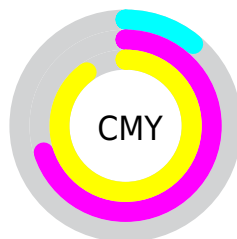
- Red (89%)
- Green (30%)
- Blue (10%)



- Red (89%)
- Yellow (37%)
- Blue (10%)



- Cyan (0%)
- Magenta (66%)
- Yellow (89%)
- Black (11%)





- Cyan (11%)
- Magenta (70%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1934, 21.5467, 3.2764 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 34.1934, 21.5467, 3.2764 by changing the saturation by 10% instead.

 34.1934, 21.5467,
3.2764


 34.1934, 21.5467,
3.2764


312.5643,
260.1698, 139.8067


 23.2058, 13.5242,
1.2374


 65.5766, 45.9956,
12.3032


 14.8671, 7.7905,
0.0097


 86.7029, 63.1909,
20.1281


 8.8119, 3.9612,
0.0000


 111.9395, 84.2125,
30.7187

 4.6748, 1.6519,
0.0000

 141.6518,
109.4448, 44.4936

 2.0905, 0.3922,
0.0000

 176.2050,
139.2724, 61.8713


 0.6841, 0.0000,
0.0000


 215.9646,


 0.0000, 0.0000,


174.0794, 83.2704


0.0000


 261.2959,
214.2504, 109.1093


 34.1934, 21.5467,
3.2764


 34.1934, 21.5467,
3.2764


 33.0064, 19.4327,
2.0802

 35.8707, 24.3419,
5.5612

 32.9011, 19.2431,
1.9802

 38.1072, 27.8765,
9.1999

 40.9546, 32.2031,
14.3671

 44.4575, 37.3678,
21.2105

 48.6562, 43.4133,
29.8603

■ 53.5873, 50.3790,
40.4338

■ 59.2850, 58.3020,
53.0382

■ 65.7812, 67.2172,
67.7729

■ 73.1059, 77.1578,
84.7306

Harmonies

Analogous

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



40.7337, 21.5467, 12.7568



34.1934, 21.5467, 3.2764



24.7477, 21.5467, 1.0091

Triad

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



34.1934, 21.5467, 3.2764



8.3037, 21.5467, 13.7647



25.3364, 21.5467, 104.2463

Complementary

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



34.1934, 21.5467, 3.2764



29.2626, 35.9662, 77.3509

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.



16.7326, 21.5467, 105.3179



34.1934, 21.5467, 3.2764



8.3795, 21.5467, 38.9195

Square

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



34.1934, 21.5467, 3.2764



10.7843, 21.5467, 3.5757



11.0320, 21.5467, 76.2364



34.7266, 21.5467, 73.8925

Rectangle

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



34.1934, 21.5467, 3.2764



18.8263, 21.5467, 0.8699



11.0320, 21.5467, 76.2364



22.2268, 21.5467, 108.5132

Sweetspot

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



34.1939, 21.5480, 3.2767



71.7034, 67.9807, 55.8804



39.5232, 19.9887, 42.7197



14.8336, 13.8307, 10.8405



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.



34.1939, 21.5480, 3.2767



43.1871, 25.1543, 2.5790



47.0156, 47.1915, 7.5507



13.9941, 14.2742, 14.3244



18.8518, 11.1415, 1.1569



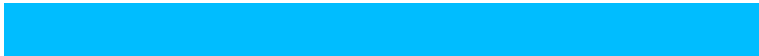
1.3783, 0.9155, 0.1041

Inverse Universe

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



29.2626, 35.9662, 77.3509



36.2515, 43.6231, 101.1172



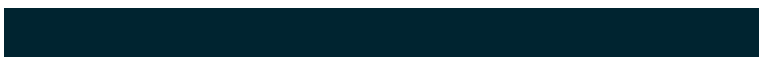
16.6614, 10.7639, 73.1505



13.8007, 14.9406, 17.5441



15.8705, 19.2106, 43.9199



1.1711, 1.4737, 3.0680

Previews

White Background



This preview shows how the XYZ color 34.1934, 21.5467, 3.2764 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 34.1934, 21.5467, 3.2764 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 34.1934, 21.5467, 3.2764

Background



This preview shows how black text looks on a background with the XYZ color 34.1934, 21.5467, 3.2764.



This preview shows how white text looks on a background with the XYZ color 34.1934, 21.5467,

3.2764.

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

34.1934, 21.5467, 3.2764

Protanopia

19.7017, 21.7697, 4.9973

Deuteranopia

21.8598, 21.6004, 3.0172



Tritanopia

35.3004, 21.4874, 9.1244

Trichromacy



Original Color

34.1934, 21.5467, 3.2764

Protanomaly

23.3060, 20.2603, 4.1211

Deuteranomaly

25.2109, 20.6421, 2.9140

Tritanomaly

34.8659, 21.5239, 6.1878

Monochromacy



Original Color

34.1934, 21.5467, 3.2764

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

20.0230, 17.1952, 10.4473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1934, 21.5467, 3.2764 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(226, 77, 25)` looks like.

```
.text, #text, p{  
    color:rgb(226, 77, 25)  
}
```

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(226, 77, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 77, 25) }
```

Border

The CSS property to change the border of an element to XYZ 34.1934, 21.5467, 3.2764 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(226, 77, 25) }
```


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

```
.border{ border-color:rgb(226, 77, 25) }
```

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

Here you see how a box with a 4 pixel rgb(226, 77, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 77, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 77, 25);  
box-shadow:4px 4px 4px 4px rgb(226, 77,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1934, 21.5467, 3.2764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 77, 25) }
```

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

```
.background{ background-color: rgb(226, 77,  
25) }
```

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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