

Converting Colors

XYZ(34.7527, 21.3314, 6.1223)

Have a look what the booklet for
XYZ(34.7527, 21.3314, 6.1223)
contains.

XYZ(34.7996, 21.3914, 6.1657)	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(34.7996, 21.3914,
6.1657)**

Conversions

Conversions Part 1

Format	Color
Hex	E34939
RGB	227, 73, 57
RGB Percent	89%, 29%, 22%
CMY	0.1098, 0.7137, 0.7765
CMYK	0.00, 0.68, 0.75, 0.11
HSL	6°, 75%, 56%
HSV	6°, 75%, 89%
XYZ	34.7996, 21.3914, 6.1657
YIQ	117.2220, 96.9200, 27.6720

Conversions

Conversions Part 2

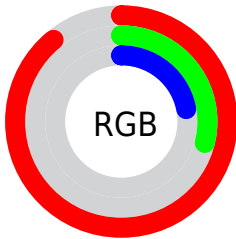
Format	Color
R_{YB}	227, 75, 57
Decimal	14895417
CIE _{Lab}	53.38, 58.67, 42.81
CIE _{LCh}	53, 72.625, 36.120
Yxy	21.3914, 0.5581, 0.3430
Android (android.graphics.Color)	4293085497 (0xFFE34939)
YUV	117.2220, -29.6894, 96.2753
Hunter-Lab	46.2508, 53.3662, 24.4716

Details

The XYZ color **34.7996, 21.3914, 6.1657** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **38.8441, 52.9992, 80.8550**, and the grayscale version is **17.0468, 17.9345, 19.5307**.

A 20% lighter version of the original color is **51.6401, 37.9804, 17.9738**, and **15.3762, 7.9191, 1.0659** is the 20% darker color. If you saturate the color by 10%, you get **33.2195, 18.9442, 3.4420**, and if you desaturate by 10%, it is **37.0800, 24.8352, 10.3709**.

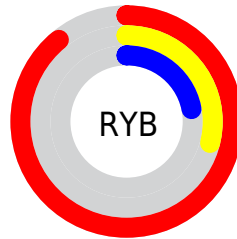
Distribution



Red (89%)

Green (29%)

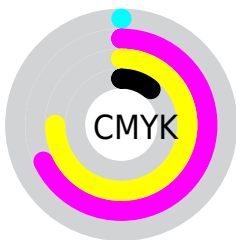
Blue (22%)



Red (89%)

Yellow (29%)

Blue (22%)

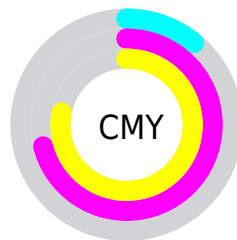


Cyan (0%)

Magenta (68%)

Yellow (75%)

Black (11%)



Cyan (11%)


Magenta (71%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7996, 21.3914, 6.1657 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 34.7996, 21.3914, 6.1657 by changing the saturation by 10% instead.


 34.7996, 21.3914,
6.1657


 34.7996, 21.3914,
6.1657


315.2064,
259.3513, 169.8981


 23.6743, 13.4104,
2.8757


 66.5113, 45.7380,
18.7574


 15.2156, 7.7118,
1.0315


 87.8284, 62.8724,
28.8962

 9.0582, 3.9111,
0.0000


 113.2735, 83.8268,
42.1550

 4.8366, 1.6239,
0.0000

 143.2120,
108.9855, 58.9524

 2.1855, 0.3737,
0.0000

 178.0091,
138.7329, 79.7069

 0.7351, 0.0000,
0.0000

 218.0304,

 0.0000, 0.0000,

173.4534, 104.8369

0.0000

263.6410,
213.5314, 134.7612

■ 34.7996, 21.3914,
6.1657

■ 34.7996, 21.3914,
6.1657

■ 33.2195, 18.9442,
3.4420

■ 37.0800, 24.8352,
10.3709

■ 32.2557, 17.3832,
1.9904


■ 40.1290, 29.3631,
16.2274


■ 31.9535, 16.8811,
1.5742


■ 44.0082, 35.0575,
23.8830


■ 48.7723, 41.9916,
33.4689

■ 54.4718, 50.2326,
45.1038

 61.1528, 59.8430,
58.8971

 68.8589, 70.8811,
74.9504

 77.6307, 83.4019,
93.3586

 85.4883, 95.0708,
108.4525

Harmonies

Analogous

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



38.9047, 21.3914, 19.0552



34.7996, 21.3914, 6.1657



26.9379, 21.3914, 2.0498

Triad

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



34.7996, 21.3914, 6.1657



9.5716, 21.3914, 9.9921



21.9524, 21.3914, 96.0680

Complementary

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



34.7996, 21.3914, 6.1657



38.8441, 52.9992, 80.8550

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.



14.9051, 21.3914, 87.6099



34.7996, 21.3914, 6.1657



8.8730, 21.3914, 28.1135

Square

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



34.7996, 21.3914, 6.1657



12.7900, 21.3914, 3.0812



10.5595, 21.3914, 58.3196



30.3742, 21.3914, 77.1197

Rectangle

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



34.7996, 21.3914, 6.1657



21.3509, 21.3914, 1.4270



10.5595, 21.3914, 58.3196



19.3458, 21.3914, 96.4401

Sweetspot

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



34.8001, 21.3927, 6.1660



73.1736, 68.6518, 63.3664



45.1305, 24.0527, 65.1035



15.1816, 14.0018, 12.5747



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.



34.8001, 21.3927, 6.1660



42.4420, 23.3745, 3.2230



44.3333, 40.4591, 9.3438



14.4856, 14.5851, 14.9562



18.6726, 9.9193, 0.9305



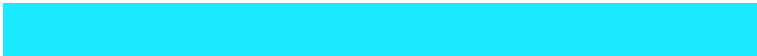
1.4174, 0.8081, 0.0813

Inverse Universe

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



38.8441, 52.9992, 80.8550



47.7118, 65.9301, 104.8188



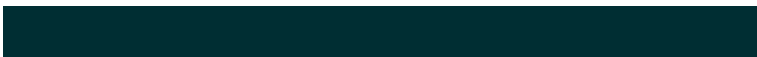
23.2499, 21.8108, 75.6570



14.6853, 16.0921, 18.4764



20.9519, 28.9659, 46.8699



1.5823, 2.2084, 3.4748

Previews

White Background



This preview shows how the XYZ color 34.7996, 21.3914, 6.1657 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 34.7996, 21.3914, 6.1657 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 34.7996, 21.3914, 6.1657

Background



This preview shows how black text looks on a background with the XYZ color 34.7996, 21.3914, 6.1657.



This preview shows how white text looks on a background with the XYZ color 34.7996, 21.3914,

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

34.7996, 21.3914, 6.1657

Protanopia

19.7704, 21.5082, 9.5881

Deuteranopia

21.9698, 21.5979, 5.7002



Tritanopia

35.4842, 21.4949, 8.7573

Trichromacy



Original Color

34.7996, 21.3914, 6.1657

Protanomaly

23.4192, 19.9131, 8.0781

Deuteranomaly

25.3150, 20.3300, 5.7218

Tritanomaly

35.3557, 21.5461, 7.7642

Monochromacy



Original Color

34.7996, 21.3914, 6.1657

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

20.6239, 17.3017, 13.0790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7996, 21.3914, 6.1657 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(227, 73, 57)` looks like.

```
.text, #text, p{  
    color:rgb(227, 73, 57)  
}
```

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(227, 73, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 73, 57) }
```

Border

The CSS property to change the border of an element to XYZ 34.7996, 21.3914, 6.1657 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(227, 73, 57) }
```


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

```
.border{ border-color:rgb(227, 73, 57) }
```

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

Here you see how a box with a 4 pixel rgb(227, 73, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 73, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 73, 57);  
box-shadow:4px 4px 4px 4px rgb(227, 73,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7996, 21.3914, 6.1657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 73, 57) }
```

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

```
.background{ background-color: rgb(227, 73,  
57) }
```

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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