

Converting Colors

XYZ(34.7574, 43.1915, 57.0844)

Have a look what the booklet for
XYZ(34.7574, 43.1915, 57.0844)
contains.

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Color

**XYZ(34.7321, 43.1728,
56.9547)**

Conversions

Conversions Part 1

Format	Color
Hex	75BBC1
RGB	117, 187, 193
RGB Percent	46%, 73%, 76%
CMY	0.5412, 0.2667, 0.2431
CMYK	0.39, 0.03, 0.00, 0.24
HSL	185°, 38%, 61%
HSV	185°, 39%, 76%
XYZ	34.7321, 43.1728, 56.9547
YIQ	166.7540, -43.6460, -12.9740

Conversions

Conversions Part 2

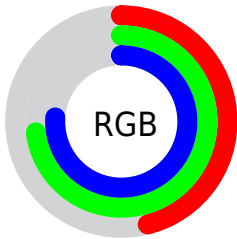
Format	Color
R _Y B	117, 153, 193
Decimal	7715777
CIE Lab	71.67, -20.43, -9.99
CIE LCh	72, 22.742, 206.050
Yxy	43.1728, 0.2575, 0.3201
Android (android.graphics.Color)	4285905857 (0xFF75BBC1)
YUV	166.7540, 12.9393, -43.6343
Hunter-Lab	65.7060, -20.6307, -5.3990

Details

The XYZ color **34.7321, 43.1728, 56.9547** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.2869, 26.7884, 20.2997**, and the grayscale version is **36.5663, 38.4706, 41.8945**.

A 20% lighter version of the original color is **66.1627, 79.7114, 101.5212**, and **15.2453, 19.9678, 27.8616** is the 20% darker color. If you saturate the color by 10%, you get **32.0804, 41.3296, 56.7394**, and if you desaturate by 10%, it is **37.9244, 45.3018, 57.1981**.

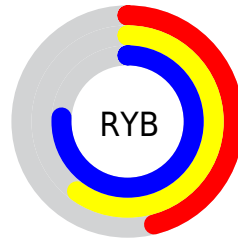
Distribution



Red (46%)

Green (73%)

Blue (76%)



Red (46%)

Yellow (60%)

Blue (76%)

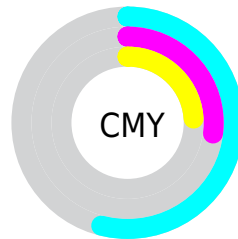


Cyan (39%)

Magenta (3%)

Yellow (0%)

Black (24%)



Cyan (54%)

Magenta (27%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7321, 43.1728, 56.9547 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 34.7321, 43.1728, 56.9547 by changing the saturation by 10% instead.

■ 34.7321, 43.1728,
56.9547

■ 34.7321, 43.1728,
56.9547

314.9130,
359.3219, 430.7685

■ 23.6221, 30.0207,
40.5598

■ 66.4073, 79.9716,
101.8988

■ 15.1768, 19.8543,
27.6581

■ 87.7032, 104.3870,
131.2850

■ 9.0307, 12.2892,
17.8313

■ 113.1252,
133.3257, 165.8387

■ 4.8185, 6.9409,
10.6608

143.0386,
167.1721, 205.9784

■ 2.1748, 3.4252,
5.7279

177.8087,
206.3105, 252.1227

■ 0.7294, 1.3575,
2.6143

217.8009,

■ 0.0000, 0.1851,

251.1254, 304.6901

0.8998

263.3806,
302.0010, 364.0992

■ 0.0000, 0.0000,
0.0000

■ 34.7321, 43.1728,
56.9547

■ 34.7321, 43.1728,
56.9547

■ 32.0804, 41.3296,
56.7394

■ 37.9244, 45.3018,
57.1981

■ 29.9323, 39.7501,
56.5478

■ 41.6838, 47.7272,
57.4681

■ 28.2524, 38.4170,
56.3790

■ 46.0394, 50.4652,
57.7671

■ 26.9989, 37.3088,
56.2312

■ 51.0176, 53.5292,
58.0961

■ 26.1224, 36.3999,
56.1019

■ 56.6428, 56.9319,
58.4564

■ 25.5341, 35.6447,
55.9872

■ 62.9383, 60.6853,
58.8491

■ 25.5002, 35.5992,
55.9802

■ 69.9263, 64.8009,
59.2751

■ 71.3328, 66.0443,
59.4410

■ 71.6855, 66.7497,
59.5586

Harmonies

Analogous

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



34.0785, 43.1728, 45.5615



34.7321, 43.1728, 56.9547



37.0347, 43.1728, 66.8958

Triad

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



34.7321, 43.1728, 56.9547



47.4918, 43.1728, 59.8802



41.5468, 43.1728, 28.8593

Complementary

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



34.7321, 43.1728, 56.9547



32.2869, 26.7884, 20.2997

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.



45.3123, 43.1728, 31.5129



34.7321, 43.1728, 56.9547



48.8778, 43.1728, 48.4844

Square

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



34.7321, 43.1728, 56.9547



44.3747, 43.1728, 68.7618



48.0565, 43.1728, 38.2922



37.8662, 43.1728, 30.4067

Rectangle

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



34.7321, 43.1728, 56.9547



39.2743, 43.1728, 70.7520



48.0565, 43.1728, 38.2922



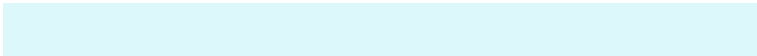
42.8464, 43.1728, 29.2769

Sweetspot

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



34.7334, 43.1745, 56.9557



80.1523, 88.9459, 103.3041



29.9240, 43.3295, 25.2214



16.9708, 18.9412, 22.1469



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.7334, 43.1745, 56.9557



58.1713, 74.5293, 101.6799



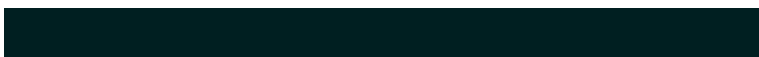
27.8585, 29.4247, 54.6641



10.2983, 11.2880, 12.9209



16.9875, 23.7315, 37.2419



0.7545, 1.0664, 1.6160

Inverse Universe

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



37.3243, 27.6490, 50.3851



63.5225, 43.2583, 87.9314



37.7865, 37.7876, 22.1329



10.4619, 10.2334, 12.5228



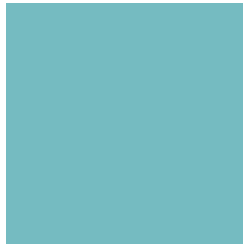
19.9705, 9.6779, 28.8203



0.8732, 0.4223, 1.2998

Previews

White Background



This preview shows how the XYZ color 34.7321, 43.1728, 56.9547 looks on a white background.

Color Contrast Check

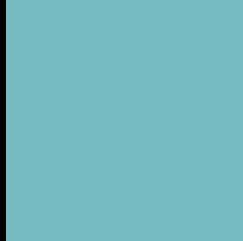
Large Text (above 18pt) WCAG AA × Fail

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 34.7321, 43.1728, 56.9547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

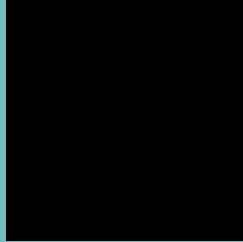
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.7321, 43.1728, 56.9547

Background



This preview shows how black text looks on a background with the XYZ color 34.7321, 43.1728, 56.9547.



This preview shows how white text looks on a background with the XYZ color 34.7321, 43.1728,

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

34.7321, 43.1728, 56.9547

Protanopia

41.5722, 42.8888, 51.9862

Deuteranopia

43.7442, 42.7258, 58.7647



Tritanopia

35.7093, 43.2568, 61.7257

Trichromacy



Original Color

34.7321, 43.1728, 56.9547

Protanomaly

38.5236, 42.7411, 53.7964

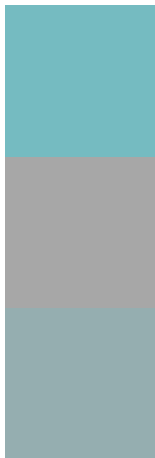
Deuteranomaly

39.5897, 42.3053, 58.3037

Tritanomaly

35.2232, 43.0466, 59.8784

Monochromacy



Original Color

34.7321, 43.1728, 56.9547

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.3670, 39.7963, 46.8917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7321, 43.1728, 56.9547 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(117, 187, 193)` looks like.

```
.text, #text, p{  
    color:rgb(117, 187, 193)  
}
```

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(117, 187, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 187, 193) }
```

Border

The CSS property to change the border of an element to XYZ 34.7321, 43.1728, 56.9547 is called "border". The border property can be set on classes, ids or directly on the HTML element.

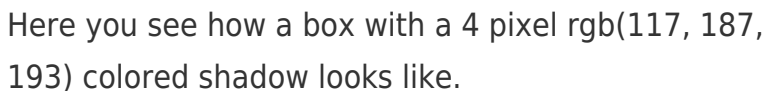
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 187, 193) }
```


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

```
.border{ border-color:rgb(117, 187, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 187, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 187, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 187, 193);  
box-shadow:4px 4px 4px 4px rgb(117, 187,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7321, 43.1728, 56.9547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 187, 193) }
```

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

```
.background{ background-color: rgb(117,  
187, 193) }
```

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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