

Converting Colors

XYZ(34.4056, 43.0644, 67.0599)

Have a look what the booklet for
XYZ(34.4056, 43.0644, 67.0599)
contains.

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Color

**XYZ(34.4216, 43.1113,
66.8287)**

Conversions

Conversions Part 1

Format	Color
Hex	61BCD1
RGB	97, 188, 209
RGB Percent	38%, 74%, 82%
CMY	0.6196, 0.2627, 0.1804
CMYK	0.54, 0.10, 0.00, 0.18
HSL	191°, 55%, 60%
HSV	191°, 54%, 82%
XYZ	34.4216, 43.1113, 66.8287
YIQ	163.1850, -60.9770, -12.7610

Conversions

Conversions Part 2

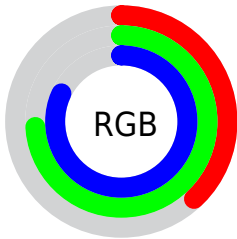
Format	Color
RYB	97, 147, 209
Decimal	6405329
CIELab	71.63, -21.32, -18.88
CIElCh	72, 28.478, 221.526
Yxy	43.1113, 0.2384, 0.2986
Android (android.graphics.Color)	4284595409 (0xFF61BCD1)
YUV	163.1850, 22.5868, -58.0442
Hunter-Lab	65.6592, -21.3256, -14.3846

Details

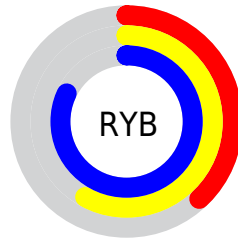
The XYZ color **34.4216, 43.1113, 66.8287** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **34.9316, 27.3763, 14.7536**, and the grayscale version is **34.8187, 36.6319, 39.8922**.

A 20% lighter version of the original color is **63.9183, 78.8899, 106.4662**, and **15.0871, 19.9557, 34.0670** is the 20% darker color. If you saturate the color by 10%, you get **31.6557, 40.4604, 66.4636**, and if you desaturate by 10%, it is **37.7996, 46.1133, 67.2309**.

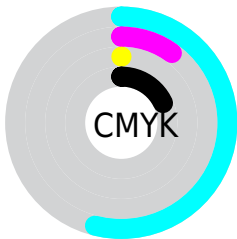
Distribution



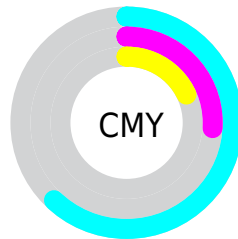
- Red (38%)
- Green (74%)
- Blue (82%)



- Red (38%)
- Yellow (58%)
- Blue (82%)



- Cyan (54%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



- Cyan (62%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4216, 43.1113, 66.8287 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 34.4216, 43.1113, 66.8287 by changing the saturation by 10% instead.

■ 34.4216, 43.1113,
66.8287

■ 34.4216, 43.1113,
66.8287

313.5608,
359.0693, 467.8197

■ 23.3821, 29.9725,
48.4847

■ 65.9287, 79.8788,
116.3132

■ 14.9981, 19.8177,
33.8482

■ 87.1270, 104.2762,
148.2909

■ 8.9044, 12.2626,
22.5006

■ 112.4423,
133.1953, 185.6501

■ 4.7355, 6.9228,
14.0234

■ 142.2399,
167.0204, 228.8095

■ 2.1261, 3.4138,
7.9980

176.8852,
206.1360, 278.1877

■ 0.7033, 1.3514,
4.0059

216.7436,

■ 0.0000, 0.1805,

250.9264, 334.2030

1.6286

262.1803,
301.7760, 397.2742

■ 0.0000, 0.0000,
0.3111

■ 0.0000, 0.0000,
0.0000

■ 34.4216, 43.1113,
66.8287

■ 34.4216, 43.1113,
66.8287

■ 31.6557, 40.4604,
66.4636

■ 37.7996, 46.1133,
67.2309

■ 29.4503, 38.1311,
66.1302

■ 41.8277, 49.4835,
67.6691

■ 27.7524, 36.0966,
65.8270

■ 46.5456, 53.2437,
68.1462

■ 26.4960, 34.3226,
65.5508

■ 51.9887, 57.4121,
68.6639

■ 25.8490, 33.2839,
65.3844

■ 58.1898, 62.0062,
69.2238

■ 65.1797, 67.0418,
69.8274

■ 72.9874, 72.5344,
70.4761

■ 78.1721, 76.7102,
71.0088

■ 79.2087, 78.7833,
71.3543

Harmonies

Analogous

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



32.5491, 43.1113, 52.4469



34.4216, 43.1113, 66.8287



38.1088, 43.1113, 76.8855

Triad

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



34.4216, 43.1113, 66.8287



50.4102, 43.1113, 55.8641



39.1518, 43.1113, 25.4404

Complementary

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



34.4216, 43.1113, 66.8287



34.9316, 27.3763, 14.7536

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.



43.9836, 43.1113, 25.9978



34.4216, 43.1113, 66.8287



50.7447, 43.1113, 41.8344

Square

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



34.4216, 43.1113, 66.8287



47.4327, 43.1113, 69.7488



48.3137, 43.1113, 31.4510



35.1335, 43.1113, 29.7413

Rectangle

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



34.4216, 43.1113, 66.8287



41.2233, 43.1113, 78.7885



48.3137, 43.1113, 31.4510



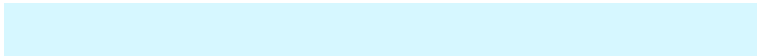
40.7297, 43.1113, 25.0924

Sweetspot

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



34.4230, 43.1129, 66.8297



79.2080, 88.2823, 107.4732



30.9737, 49.4402, 24.9063



16.5663, 18.6007, 22.9671



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.



34.4230, 43.1129, 66.8297



49.2074, 63.0125, 104.1769



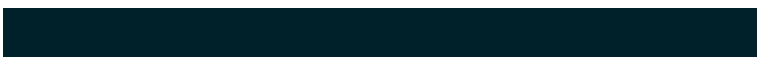
24.7543, 23.7756, 63.6068



11.9621, 13.0145, 15.1252



16.0054, 20.6574, 40.3362



0.9448, 1.2548, 2.2720

Inverse Universe

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



39.6474, 25.7368, 50.4567



58.5589, 34.2833, 74.3379



43.4993, 44.5117, 17.6095



12.2118, 11.9694, 14.3910



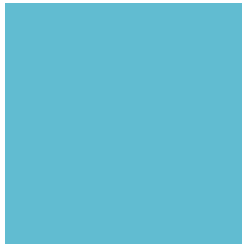
20.7095, 10.1566, 24.4402



1.1831, 0.5780, 1.4991

Previews

White Background



This preview shows how the XYZ color 34.4216, 43.1113, 66.8287 looks on a white background.

Color Contrast Check

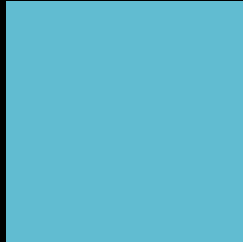
Large Text (above 18pt) WCAG AA × Fail

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 34.4216, 43.1113, 66.8287 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 34.4216, 43.1113, 66.8287

Background



This preview shows how black text looks on a background with the XYZ color 34.4216, 43.1113, 66.8287.



This preview shows how white text looks on a background with the XYZ color 34.4216, 43.1113,

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

34.4216, 43.1113, 66.8287

Protanopia

41.8299, 42.5567, 60.0424

Deuteranopia

43.5864, 42.7006, 68.8956



Tritanopia

33.8160, 43.1877, 63.6805

Trichromacy



Original Color

34.4216, 43.1113, 66.8287

Protanomaly

38.0276, 41.9922, 62.6010

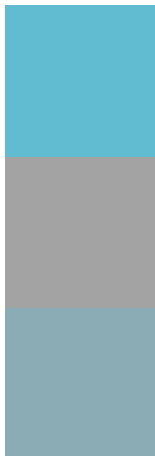
Deuteranomaly

39.2829, 42.2175, 68.3657

Tritanomaly

34.1620, 43.3382, 64.9571

Monochromacy



Original Color

34.4216, 43.1113, 66.8287

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.6382, 38.2893, 48.7977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4216, 43.1113, 66.8287 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(97, 188, 209) looks like.

```
.text, #text, p{  
    color:rgb(97, 188, 209)  
}
```

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(97, 188, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 188, 209) }
```

Border

The CSS property to change the border of an element to XYZ 34.4216, 43.1113, 66.8287 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(97, 188, 209) }
```


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

```
.border{ border-color:rgb(97, 188, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 188, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 188, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 188, 209);  
box-shadow:4px 4px 4px 4px rgb(97, 188,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4216, 43.1113, 66.8287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 188, 209) }
```

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

```
.background{ background-color: rgb(97, 188,  
209) }
```

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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