

Converting Colors

XYZ(34.8509, 44.6330, 66.4527)

Have a look what the booklet for
XYZ(34.8509, 44.6330, 66.4527)
contains.

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Color

**XYZ(34.8509, 44.6330,
66.4527)**

Conversions

Conversions Part 1

Format	Color
Hex	5EC0D0
RGB	94, 192, 208
RGB Percent	37%, 75%, 82%
CMY	0.6314, 0.2470, 0.1843
CMYK	0.55, 0.08, 0.00, 0.18
HSL	188°, 55%, 59%
HSV	188°, 55%, 82%
XYZ	34.8509, 44.6330, 66.4527
YIQ	164.5220, -63.5440, -15.8000

Conversions

Conversions Part 2

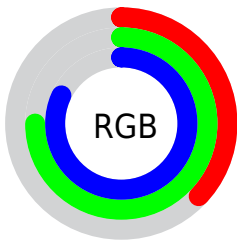
Format	Color
RYB	94, 147, 208
Decimal	6209744
CIELab	72.65, -24.24, -16.80
CIELCh	73, 29.493, 214.733
Yxy	44.6330, 0.2388, 0.3058
Android (android.graphics.Color)	4284399824 (0xFF5EC0D0)
YUV	164.5220, 21.4347, -61.8478
Hunter-Lab	66.8079, -23.7979, -12.2092

Details

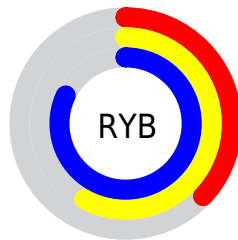
The XYZ color **34.8509, 44.6330, 66.4527** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **33.6098, 25.3711, 13.7167**, and the grayscale version is **35.4594, 37.3060, 40.6262**.

A 20% lighter version of the original color is **65.0626, 81.7437, 106.9567**, and **15.2521, 20.6806, 33.7597** is the 20% darker color. If you saturate the color by 10%, you get **32.3642, 42.4099, 66.1555**, and if you desaturate by 10%, it is **37.9277, 47.1811, 66.7832**.

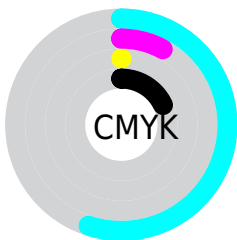
Distribution



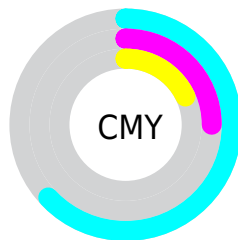
- Red (37%)
- Green (75%)
- Blue (82%)



- Red (37%)
- Yellow (58%)
- Blue (82%)



- Cyan (55%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)



- Cyan (63%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8509, 44.6330, 66.4527 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 34.8509, 44.6330, 66.4527 by changing the saturation by 10% instead.

■ 34.8509, 44.6330,
66.4527

■ 34.8509, 44.6330,
66.4527

315.4293,
365.2852, 466.4425

■ 23.7140, 31.1685,
48.1812

■ 66.5903, 82.1694,
115.7690

■ 15.2452, 20.7272,
33.6094

■ 87.9235, 107.0101,
147.6509

■ 9.0791, 12.9247,
22.3187

■ 113.3862,
136.4116, 184.9067

■ 4.8503, 7.3767,
13.8907

■ 143.3437,
170.7583, 227.9549

■ 2.1936, 3.6988,
7.9068

178.1614,
210.4346, 277.2140

■ 0.7393, 1.5065,
3.9485

218.2047,

■ 0.0000, 0.2933,

255.8249, 333.1026

1.5971

263.8388,
307.3136, 396.0393

■ 0.0000, 0.0000,
0.2888

■ 0.0000, 0.0000,
0.0000

■ 34.8509, 44.6330,
66.4527

■ 34.8509, 44.6330,
66.4527

■ 32.3642, 42.4099,
66.1555

■ 37.9277, 47.1811,
66.7832

■ 30.4161, 40.4823,
65.8861

■ 41.6326, 50.0710,
67.1457

■ 28.9530, 38.8233,
65.6430

■ 46.0052, 53.3243,
67.5432

■ 27.9080, 37.3985,
65.4230

■ 51.0805, 56.9590,
67.9773

■ 27.4674, 36.7182,
65.3150

■ 56.8914, 60.9921,
68.4495

■ 63.4682, 65.4396,
68.9613

■ 70.8399, 70.3163,
69.5140

■ 77.0165, 74.5965,
70.0147

■ 77.7681, 76.0997,
70.2652

Harmonies

Analogous

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



33.3666, 44.6330, 50.9560



34.8509, 44.6330, 66.4527



38.3661, 44.6330, 78.7359

Triad

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



34.8509, 44.6330, 66.4527



51.9399, 44.6330, 61.6218



41.6170, 44.6330, 25.6074

Complementary

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



34.8509, 44.6330, 66.4527



33.6098, 25.3711, 13.7167

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.



46.7548, 44.6330, 27.3382



34.8509, 44.6330, 66.4527



52.9841, 44.6330, 46.3134

Square

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



34.8509, 44.6330, 66.4527



48.2687, 44.6330, 75.5773



51.0179, 44.6330, 34.2670



37.0682, 44.6330, 28.9507

Rectangle

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



34.8509, 44.6330, 66.4527



41.5269, 44.6330, 82.3384



51.0179, 44.6330, 34.2670



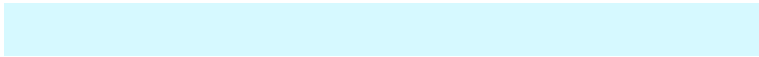
43.3305, 44.6330, 25.6223

Sweetspot

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



34.8523, 44.6347, 66.4538



79.8004, 89.4672, 107.6707



29.9442, 48.6009, 22.3286



16.7088, 18.8857, 23.0146



0.0000, 0.0000, 0.0000



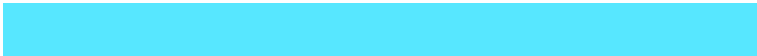
20.3446, 21.4041, 23.3091

Same Dimension

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



34.8523, 44.6347, 66.4538



50.6351, 66.5969, 104.7935



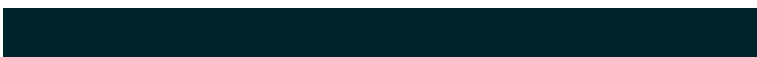
24.7786, 24.4873, 63.0959



12.0111, 13.1124, 15.1415



17.1725, 22.9917, 40.7252



1.0000, 1.3651, 2.2904

Inverse Universe

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



39.5307, 25.2224, 52.6558



59.1016, 33.8190, 79.2961



41.7065, 41.5646, 16.4156



12.2365, 11.9793, 14.5211



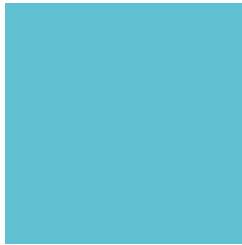
21.2986, 10.3923, 27.5424



1.2110, 0.5891, 1.6458

Previews

White Background



This preview shows how the XYZ color 34.8509, 44.6330, 66.4527 looks on a white background.

Color Contrast Check

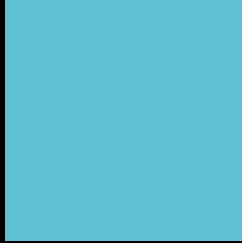
Large Text (above 18pt) WCAG AA × Fail

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 34.8509, 44.6330, 66.4527 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

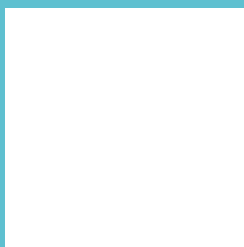
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.8509, 44.6330, 66.4527

Background



This preview shows how black text looks on a background with the XYZ color 34.8509, 44.6330, 66.4527.



This preview shows how white text looks on a background with the XYZ color 34.8509, 44.6330,

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

34.8509, 44.6330, 66.4527

Protanopia

43.1739, 44.1266, 59.6678

Deuteranopia

44.9587, 43.9877, 68.4083



Tritanopia

34.8509, 44.6330, 66.4527

Trichromacy



Original Color

34.8509, 44.6330, 66.4527

Protanomaly

39.0657, 43.7399, 62.2608

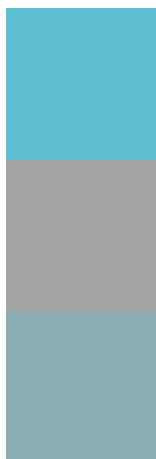
Deuteranomaly

40.1118, 43.5487, 67.9196

Tritanomaly

34.8509, 44.6330, 66.4527

Monochromacy



Original Color

34.8509, 44.6330, 66.4527

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

34.3179, 39.4851, 49.5287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8509, 44.6330, 66.4527 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(94, 192, 208)` looks like.

```
.text, #text, p{  
    color:rgb(94, 192, 208)  
}
```

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(94, 192, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 192, 208) }
```

Border

The CSS property to change the border of an element to XYZ 34.8509, 44.6330, 66.4527 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(94, 192, 208) }
```


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

```
.border{ border-color:rgb(94, 192, 208) }
```

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

Here you see how a box with a 4 pixel rgb(94, 192, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 192, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 192, 208);  
box-shadow:4px 4px 4px 4px rgb(94, 192,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8509, 44.6330, 66.4527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 192, 208) }
```

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

```
.background{ background-color: rgb(94, 192,  
208) }
```

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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