

Converting Colors

XYZ(34.4844, 41.5539, 61.7395)

Have a look what the booklet for
XYZ(34.4844, 41.5539, 61.7395)
contains.

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Color

**XYZ(34.5463, 41.7289,
61.4920)**

Conversions

Conversions Part 1

Format	Color
Hex	73B7C9
RGB	115, 183, 201
RGB Percent	45%, 72%, 79%
CMY	0.5490, 0.2823, 0.2118
CMYK	0.43, 0.09, 0.00, 0.21
HSL	193°, 44%, 62%
HSV	193°, 43%, 79%
XYZ	34.5463, 41.7289, 61.4920
YIQ	164.7200, -46.3060, -8.8180

Conversions

Conversions Part 2

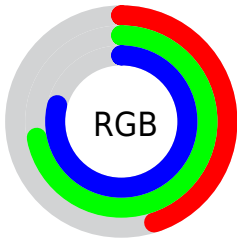
Format	Color
RYB	115, 153, 201
Decimal	7583689
CIELab	70.68, -16.81, -15.86
CIELCh	71, 23.112, 223.339
Yxy	41.7289, 0.2508, 0.3029
Android (android.graphics.Color)	4285773769 (0xFF73B7C9)
YUV	164.7200, 17.8860, -43.6044
Hunter-Lab	64.5979, -17.5864, -11.2208

Details

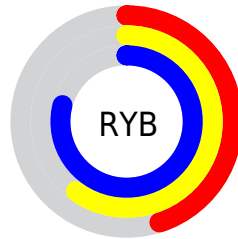
The XYZ color **34.5463, 41.7289, 61.4920** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.5701, 30.4309, 20.2197**, and the grayscale version is **35.5642, 37.4163, 40.7463**.

A 20% lighter version of the original color is **65.7111, 77.6109, 106.1248**, and **15.0527, 19.0017, 30.4781** is the 20% darker color. If you saturate the color by 10%, you get **31.3314, 38.8036, 61.0975**, and if you desaturate by 10%, it is **38.3660, 45.0064, 61.9240**.

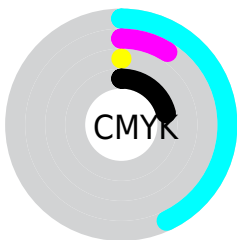
Distribution



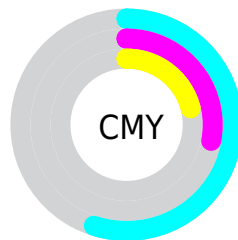
- Red (45%)
- Green (72%)
- Blue (79%)



- Red (45%)
- Yellow (60%)
- Blue (79%)



- Cyan (43%)
- Magenta (9%)
- Yellow (0%)
- Black (21%)



- Cyan (55%)
- Magenta (28%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5463, 41.7289, 61.4920 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 34.5463, 41.7289, 61.4920 by changing the saturation by 10% instead.

■ 34.5463, 41.7289,
61.4920

■ 34.5463, 41.7289,
61.4920

314.1044,
353.3579, 448.0321

■ 23.4785, 28.8891,
44.1892

■ 66.1210, 77.7892,
108.5555

■ 15.0698, 18.9969,
30.4810

■ 87.3585, 101.7784,
139.1532

■ 8.9550, 11.6681,
19.9488

■ 112.7167,
130.2529, 175.0197

■ 4.7687, 6.5181,
12.1741

142.5609,
163.5970, 216.5734

■ 2.1456, 3.1626,
6.7384

177.2564,
202.1952, 264.2330

■ 0.7138, 1.2172,
3.2231

217.1685,

■ 0.0000, 0.0757,

246.4318, 318.4170

1.2096

262.6628,
296.6912, 379.5438

■ 0.0000, 0.0000,
0.0000

■ 34.5463, 41.7289,
61.4920

■ 34.5463, 41.7289,
61.4920

■ 31.3314, 38.8036,
61.0975

■ 38.3660, 45.0064,
61.9240

■ 28.6793, 36.2057,
60.7359

■ 42.8212, 48.6494,
62.3924

■ 26.5488, 33.9144,
60.4059

■ 47.9452, 52.6763,
62.8996

■ 24.8909, 31.9043,
60.1053

■ 53.7678, 57.1028,
63.4471

■ 23.6469, 30.1448,
59.8312

■ 60.3168, 61.9436,
64.0363

■ 22.9298, 28.9911,
59.6464

■ 67.6186, 67.2125,
64.6685

■ 75.4388, 72.7891,
65.3327

■ 76.5070, 74.9257,
65.6888

■ 77.6029, 77.1175,
66.0541

Harmonies

Analogous

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



32.9230, 41.7289, 50.4745



34.5463, 41.7289, 61.4920



37.5891, 41.7289, 68.7688

Triad

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



34.5463, 41.7289, 61.4920



47.1392, 41.7289, 51.7509



37.9881, 41.7289, 27.8571

Complementary

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



34.5463, 41.7289, 61.4920



35.5701, 30.4309, 20.2197

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.



41.8099, 41.7289, 28.0859



34.5463, 41.7289, 61.4920



47.2632, 41.7289, 40.7439

Square

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



34.5463, 41.7289, 61.4920



44.9309, 41.7289, 62.5551



45.2595, 41.7289, 32.4501



34.8222, 41.7289, 31.7647

Rectangle

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



34.5463, 41.7289, 61.4920



40.0923, 41.7289, 69.8942



45.2595, 41.7289, 32.4501



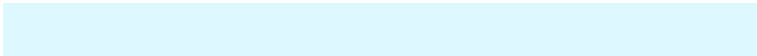
39.2349, 41.7289, 27.4742

Sweetspot

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



34.5476, 41.7305, 61.4930



81.7148, 89.8990, 107.6532



32.1363, 47.0904, 29.2982



17.0505, 18.9006, 22.9995



0.0000, 0.0000, 0.0000



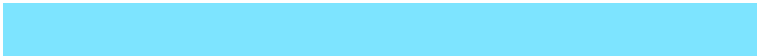
20.3446, 21.4041, 23.3091

Same Dimension

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



34.5476, 41.7305, 61.4930



54.1839, 66.9436, 104.6734



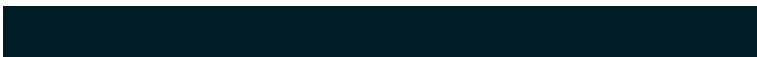
27.1092, 26.8538, 59.0135



10.7510, 11.6761, 13.6046



14.4850, 18.3639, 37.5255



0.7346, 0.9669, 1.7931

Inverse Universe

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



38.7664, 28.0989, 48.1820



62.5407, 41.5040, 77.9557



42.5517, 44.3941, 22.5469



10.9843, 10.7771, 12.9009



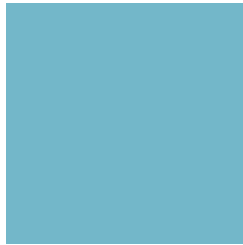
19.1107, 9.3938, 21.5906



0.9295, 0.4546, 1.1518

Previews

White Background



This preview shows how the XYZ color 34.5463, 41.7289, 61.4920 looks on a white background.

Color Contrast Check

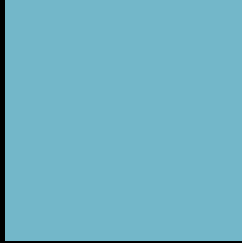
Large Text (above 18pt) WCAG AA × Fail

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 34.5463, 41.7289, 61.4920 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 34.5463, 41.7289, 61.4920

Background



This preview shows how black text looks on a background with the XYZ color 34.5463, 41.7289, 61.4920.



This preview shows how white text looks on a background with the XYZ color 34.5463, 41.7289,

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

34.5463, 41.7289, 61.4920

Protanopia

40.5507, 41.4111, 56.3080

Deuteranopia

42.1353, 41.2491, 62.8679



Tritanopia

34.0660, 41.5216, 59.6451

Trichromacy



Original Color

34.5463, 41.7289, 61.4920

Protanomaly

37.6882, 41.0350, 58.1587

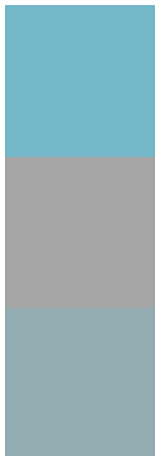
Deuteranomaly

38.6720, 40.8743, 62.3512

Tritanomaly

34.1817, 41.5679, 60.2547

Monochromacy



Original Color

34.5463, 41.7289, 61.4920

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

34.8210, 38.9224, 47.7970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5463, 41.7289, 61.4920 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(115, 183, 201)` looks like.

```
.text, #text, p{  
    color:rgb(115, 183, 201)  
}
```

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(115, 183, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 183, 201) }
```

Border

The CSS property to change the border of an element to XYZ 34.5463, 41.7289, 61.4920 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(115, 183, 201) }
```


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

```
.border{ border-color:rgb(115, 183, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 183, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 183, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 183, 201);  
box-shadow:4px 4px 4px 4px rgb(115, 183,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5463, 41.7289, 61.4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 183, 201) }
```

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

```
.background{ background-color: rgb(115,  
183, 201) }
```

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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