

Converting Colors

XYZ(34.5288, 41.5495, 78.5204)

Have a look what the booklet for
XYZ(34.5288, 41.5495, 78.5204)
contains.

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Color

**XYZ(34.6618, 41.7118,
78.8974)**

Conversions

Conversions Part 1

Format	Color
Hex	54B8E3
RGB	84, 184, 227
RGB Percent	33%, 72%, 89%
CMY	0.6706, 0.2784, 0.1098
CMYK	0.63, 0.19, 0.00, 0.11
HSL	198°, 72%, 61%
HSV	198°, 63%, 89%
XYZ	34.6618, 41.7118, 78.8974
YIQ	159.0020, -73.4030, -7.8270

Conversions

Conversions Part 2

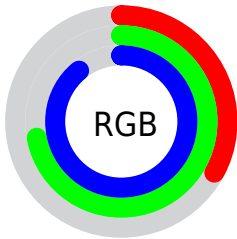
Format	Color
RYB	84, 143, 227
Decimal	5552355
CIELab	70.67, -16.36, -30.20
CIELCh	71, 34.350, 241.556
Yxy	41.7118, 0.2232, 0.2686
Android (android.graphics.Color)	4283742435 (0xFF54B8E3)
YUV	159.0020, 33.5230, -65.7768
Hunter-Lab	64.5847, -17.2244, -27.2201

Details

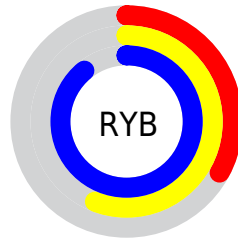
The XYZ color **34.6618, 41.7118, 78.8974** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **40.8698, 32.1519, 12.4411**, and the grayscale version is **32.8328, 34.5427, 37.6170**.

A 20% lighter version of the original color is **61.0641, 75.6512, 105.9915**, and **15.4670, 19.1729, 41.4136** is the 20% darker color. If you saturate the color by 10%, you get **31.5658, 38.0620, 78.3569**, and if you desaturate by 10%, it is **38.4871, 45.8407, 79.4935**.

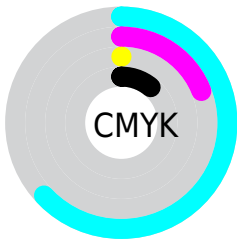
Distribution



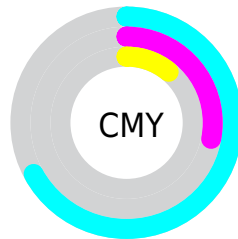
- Red (33%)
- Green (72%)
- Blue (89%)



- Red (33%)
- Yellow (56%)
- Blue (89%)



- Cyan (63%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)



- Cyan (67%)
- Magenta (28%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6618, 41.7118, 78.8974 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 34.6618, 41.7118, 78.8974 by changing the saturation by 10% instead.

■ 34.6618, 41.7118,
78.8974

■ 34.6618, 41.7118,
78.8974

314.6072,
353.2868, 510.8176

■ 23.5678, 28.8757,
58.2906

■ 66.2990, 77.7633,
133.6118

■ 15.1363, 18.9868,
41.6261

■ 87.5729, 101.7474,
168.5565

■ 9.0020, 11.6607,
28.4853

■ 112.9707,
130.2163, 209.1175

■ 4.7996, 6.5131,
18.4495

■ 142.8579,
163.5545, 255.7135

■ 2.1637, 3.1595,
11.1005

177.5998,
202.1462, 308.7630

■ 0.7235, 1.2156,
6.0194

217.5618,

■ 0.0000, 0.0744,

246.3759, 368.6845

2.7879

263.1091,
296.6280, 435.8965

■ 0.0000, 0.0000,
0.9874

■ 0.0000, 0.0000,
0.0000

■ 34.6618, 41.7118,
78.8974

■ 34.6618, 41.7118,
78.8974

■ 31.5658, 38.0620,
78.3569

■ 38.4871, 45.8407,
79.4935

■ 29.1277, 34.8508,
77.8656

■ 43.0960, 50.4757,
80.1453

■ 27.2679, 32.0364,
77.4204

■ 48.5418, 55.6466,
80.8563

■ 26.2189, 30.2532,
77.1315

■ 54.8722, 61.3790,
81.6292

62.1306, 67.6970,
82.4661

70.3579, 74.6226,
83.3692

79.5922, 82.1768,
84.3406

85.8580, 88.3115,
85.1945

87.8901, 92.3756,
85.8719

Harmonies

Analogous

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



31.0380, 41.7118, 63.8587



34.6618, 41.7118, 78.8974



39.9435, 41.7118, 84.4707

Triad

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



34.6618, 41.7118, 78.8974



51.6134, 41.7118, 44.5718



34.1936, 41.7118, 23.6148

Complementary

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



34.6618, 41.7118, 78.8974



40.8698, 32.1519, 12.4411

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.



39.3496, 41.7118, 20.7518



34.6618, 41.7118, 78.8974



49.7139, 41.7118, 30.9190

Square

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



34.6618, 41.7118, 78.8974



50.0601, 41.7118, 62.0276



45.0861, 41.7118, 23.0691



30.7864, 41.7118, 32.0731

Rectangle

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



34.6618, 41.7118, 78.8974



43.8011, 41.7118, 81.2178



45.0861, 41.7118, 23.0691



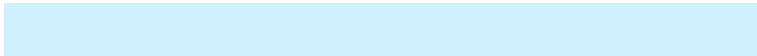
35.7620, 41.7118, 22.0715

Sweetspot

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



34.6632, 41.7133, 78.8984



74.9436, 82.9948, 106.6774



34.9510, 58.3539, 29.4680



15.4784, 17.2698, 22.7676



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.



34.6632, 41.7133, 78.8984



39.8903, 48.0254, 101.7751



23.3836, 19.1541, 75.1385



14.4224, 15.5662, 18.3888



15.3975, 17.8572, 45.0184



1.2183, 1.4805, 3.3535

Inverse Universe

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



43.5019, 26.1338, 48.1003



52.9658, 28.6374, 55.3931



53.5657, 57.5438, 16.6731



14.8008, 14.5375, 17.1514



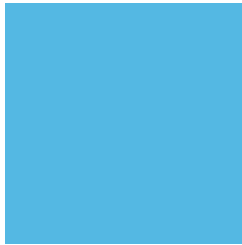
22.1655, 11.0004, 20.2982



1.6786, 0.8291, 1.7139

Previews

White Background



This preview shows how the XYZ color 34.6618, 41.7118, 78.8974 looks on a white background.

Color Contrast Check

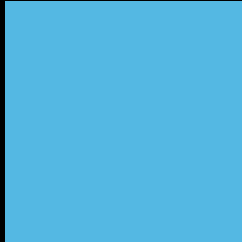
Large Text (above 18pt) WCAG AA × Fail

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 34.6618, 41.7118, 78.8974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

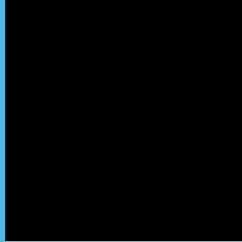
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.6618, 41.7118, 78.8974

Background



This preview shows how black text looks on a background with the XYZ color 34.6618, 41.7118, 78.8974.



This preview shows how white text looks on a background with the XYZ color 34.6618, 41.7118,

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

34.6618, 41.7118, 78.8974

Protanopia

41.3963, 41.2328, 71.4225

Deuteranopia

42.1812, 41.1570, 80.5838



Tritanopia

31.4352, 41.6560, 62.8835

Trichromacy



Original Color

34.6618, 41.7118, 78.8974

Protanomaly

37.8968, 40.7859, 74.2817

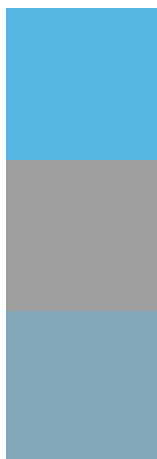
Deuteranomaly

38.4848, 40.6751, 79.9514

Tritanomaly

32.6345, 41.8306, 68.6415

Monochromacy



Original Color

34.6618, 41.7118, 78.8974

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.1701, 36.3715, 50.6723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6618, 41.7118, 78.8974 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(84, 184, 227)` looks like.

```
.text, #text, p{  
    color:rgb(84, 184, 227)  
}
```

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(84, 184, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 184, 227) }
```

Border

The CSS property to change the border of an element to XYZ 34.6618, 41.7118, 78.8974 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(84, 184, 227) }
```


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

```
.border{ border-color:rgb(84, 184, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 184, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 184, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 184, 227);  
box-shadow:4px 4px 4px 4px rgb(84, 184,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6618, 41.7118, 78.8974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 184, 227) }
```

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

```
.background{ background-color: rgb(84, 184,  
227) }
```

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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