

Converting Colors

XYZ(34.7809, 40.7986, 59.6495)

Have a look what the booklet for
XYZ(34.7809, 40.7986, 59.6495)
contains.

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Color

**XYZ(34.6253, 40.6025,
59.4382)**

Conversions

Conversions Part 1

Format	Color
Hex	7CB3C6
RGB	124, 179, 198
RGB Percent	49%, 70%, 78%
CMY	0.5137, 0.2980, 0.2235
CMYK	0.37, 0.10, 0.00, 0.22
HSL	195°, 39%, 63%
HSV	195°, 37%, 78%
XYZ	34.6253, 40.6025, 59.4382
YIQ	164.7210, -38.8790, -5.7510

Conversions

Conversions Part 2

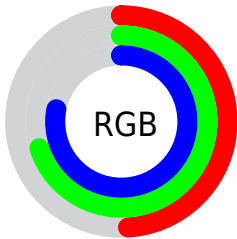
Format	Color
RYB	124, 156, 198
Decimal	8172486
CIELab	69.90, -13.14, -15.36
CIELCh	70, 20.215, 229.439
Yxy	40.6025, 0.2571, 0.3015
Android (android.graphics.Color)	4286362566 (0xFF7CB3C6)
YUV	164.7210, 16.4065, -35.7123
Hunter-Lab	63.7201, -14.5138, -10.7017

Details

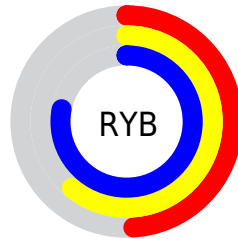
The XYZ color **34.6253, 40.6025, 59.4382** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.7499, 33.1065, 23.5231**, and the grayscale version is **35.5689, 37.4212, 40.7517**.

A 20% lighter version of the original color is **66.3487, 76.2204, 105.8228**, and **15.0934, 18.2749, 29.1175** is the 20% darker color. If you saturate the color by 10%, you get **31.0463, 37.2736, 58.9850**, and if you desaturate by 10%, it is **38.8189, 44.3058, 59.9327**.

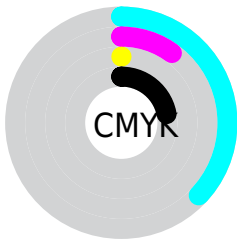
Distribution



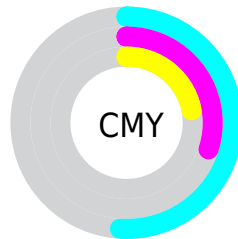
- Red (49%)
- Green (70%)
- Blue (78%)



- Red (49%)
- Yellow (61%)
- Blue (78%)



- Cyan (37%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)



- Cyan (51%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6253, 40.6025, 59.4382 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 34.6253, 40.6025, 59.4382 by changing the saturation by 10% instead.

■ 34.6253, 40.6025,
59.4382

■ 34.6253, 40.6025,
59.4382

314.4484,
348.6565, 440.2709

■ 23.5395, 28.0086,
42.5436

■ 66.2427, 76.0801,
105.5497

■ 15.1153, 18.3322,
29.1985

■ 87.5051, 99.7326,
135.6036

■ 8.9872, 11.1887,
18.9841

■ 112.8905,
127.8401, 170.8811

■ 4.7899, 6.1939,
11.4821

142.7641,
160.7870, 211.8008

■ 2.1580, 2.9634,
6.2739

177.4913,
198.9577, 258.7810

■ 0.7205, 1.1126,
2.9408

217.4375,

■ 0.0000, 0.0000,

242.7366, 312.2404

1.0645

262.9681,
292.5081, 372.5975

■ 0.0000, 0.0000,
0.0000

■ 34.6253, 40.6025,
59.4382

■ 34.6253, 40.6025,
59.4382

■ 31.0463, 37.2736,
58.9850

■ 38.8189, 44.3058,
59.9327

■ 28.0431, 34.2959,
58.5685

■ 43.6555, 48.3960,
60.4673

■ 25.5783, 31.6502,
58.1878

■ 49.1660, 52.8906,
61.0444

■ 23.6081, 29.3135,
57.8406

■ 55.3783, 57.8044,
61.6654

■ 22.0816, 27.2589,
57.5244

■ 62.3186, 63.1516,
62.3317

■ 20.9273, 25.4488,
57.2359

■ 70.0118, 68.9455,
63.0446

■ 20.6529, 24.9968,
57.1631

■ 75.6286, 73.7280,
63.6717

■ 76.9399, 76.3508,
64.1088

■ 78.2919, 79.0546,
64.5594

Harmonies

Analogous

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



32.9323, 40.6025, 50.5120



34.6253, 40.6025, 59.4382



37.4445, 40.6025, 64.5008

Triad

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



34.6253, 40.6025, 59.4382



45.1451, 40.6025, 47.6108



36.5257, 40.6025, 29.2409

Complementary

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



34.6253, 40.6025, 59.4382



36.7499, 33.1065, 23.5231

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.



39.7616, 40.6025, 28.6937



34.6253, 40.6025, 59.4382



44.8645, 40.6025, 38.4538

Square

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



34.6253, 40.6025, 59.4382



43.5957, 40.6025, 57.0567



42.8495, 40.6025, 31.8327



33.9856, 40.6025, 33.4514

Rectangle

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



34.6253, 40.6025, 59.4382



39.6375, 40.6025, 64.5800



42.8495, 40.6025, 31.8327



37.5640, 40.6025, 28.6477

Sweetspot

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



34.6266, 40.6041, 59.4391



83.2183, 90.5538, 107.7003



33.4273, 46.6421, 33.0305



17.5229, 19.1467, 23.0221



0.0000, 0.0000, 0.0000



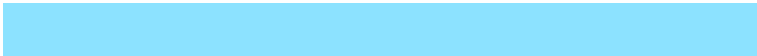
20.3446, 21.4041, 23.3091

Same Dimension

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



34.6266, 40.6041, 59.4391



55.9787, 66.9599, 104.5819



28.2537, 27.8585, 57.3149



10.7073, 11.5887, 13.5900



13.5028, 16.3995, 37.1981



0.6952, 0.8882, 1.7799

Inverse Universe

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



38.6341, 29.6768, 46.3415



64.3190, 45.5551, 77.0238



43.1481, 45.9029, 25.6558



10.9623, 10.7683, 12.7848



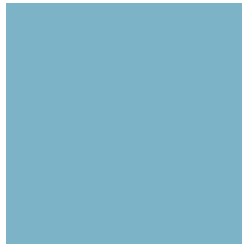
18.6149, 9.1955, 18.9798



0.9096, 0.4467, 1.0472

Previews

White Background



This preview shows how the XYZ color 34.6253, 40.6025, 59.4382 looks on a white background.

Color Contrast Check

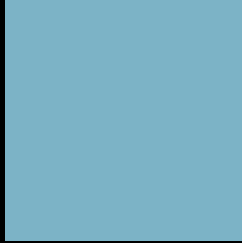
Large Text (above 18pt) WCAG AA × Fail

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 34.6253, 40.6025, 59.4382 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 34.6253, 40.6025, 59.4382

Background



This preview shows how black text looks on a background with the XYZ color 34.6253, 40.6025, 59.4382.



This preview shows how white text looks on a background with the XYZ color 34.6253, 40.6025,

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

34.6253, 40.6025, 59.4382

Protanopia

39.5283, 40.3530, 54.9958

Deuteranopia

41.1921, 40.2601, 60.8583



Tritanopia

34.2272, 40.7485, 57.1002

Trichromacy



Original Color

34.6253, 40.6025, 59.4382

Protanomaly

37.4437, 40.3615, 56.8560

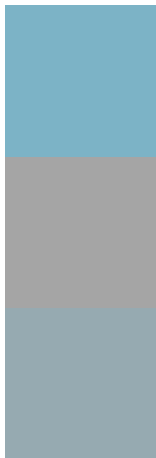
Deuteranomaly

38.5058, 40.2645, 60.3859

Tritanomaly

34.3400, 40.7936, 57.6938

Monochromacy



Original Color

34.6253, 40.6025, 59.4382

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

34.8882, 38.4078, 47.1696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6253, 40.6025, 59.4382 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(124, 179, 198)` looks like.

```
.text, #text, p{  
    color:rgb(124, 179, 198)  
}
```

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(124, 179, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 179, 198) }
```

Border

The CSS property to change the border of an element to XYZ 34.6253, 40.6025, 59.4382 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(124, 179, 198) }
```


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

```
.border{ border-color:rgb(124, 179, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 179, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 179, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 179, 198);  
box-shadow:4px 4px 4px 4px rgb(124, 179,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6253, 40.6025, 59.4382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 179, 198) }
```

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

```
.background{ background-color: rgb(124,  
179, 198) }
```

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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