

Converting Colors

XYZ(32.1759, 34.1845, 58.3289)

Have a look what the booklet for
XYZ(32.1759, 34.1845, 58.3289)
contains.

XYZ(32.1239, 34.0441, 58.3041)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.1239, 34.0441,
58.3041)**

Conversions

Conversions Part 1

Format	Color
Hex	83A0C6
RGB	131, 160, 198
RGB Percent	51%, 63%, 78%
CMY	0.4863, 0.3725, 0.2235
CMYK	0.34, 0.19, 0.00, 0.22
HSL	214°, 37%, 65%
HSV	214°, 34%, 78%
XYZ	32.1239, 34.0441, 58.3041
YIQ	155.6610, -29.4820, 5.6700

Conversions

Conversions Part 2

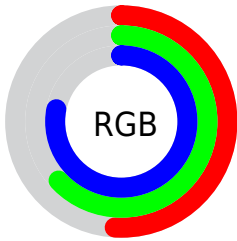
Format	Color
RYB	131, 151, 198
Decimal	8626374
CIELab	65.00, -0.84, -22.76
CIElCh	65, 22.774, 267.877
Yxy	34.0441, 0.2581, 0.2735
Android (android.graphics.Color)	4286816454 (0xFF83A0C6)
YUV	155.6610, 20.8731, -21.6277
Hunter-Lab	58.3473, -3.8322, -18.4030

Details

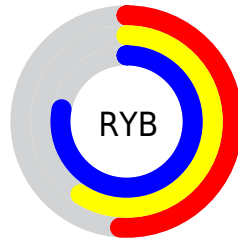
The XYZ color **32.1239, 34.0441, 58.3041** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **41.5740, 42.0209, 27.3934**, and the grayscale version is **31.3693, 33.0029, 35.9402**.

A 20% lighter version of the original color is **62.6001, 66.2600, 104.0978**, and **13.7271, 14.6132, 28.4827** is the 20% darker color. If you saturate the color by 10%, you get **27.4859, 28.8932, 57.5549**, and if you desaturate by 10%, it is **37.5260, 39.8515, 59.1409**.

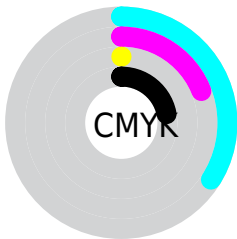
Distribution



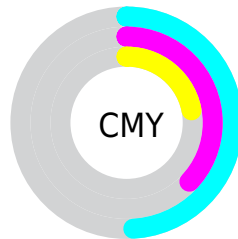
- Red (51%)
- Green (63%)
- Blue (78%)



- Red (51%)
- Yellow (59%)
- Blue (78%)



- Cyan (34%)
- Magenta (19%)
- Yellow (0%)
- Black (22%)



- Cyan (49%)
- Magenta (37%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1239, 34.0441, 58.3041 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 32.1239, 34.0441, 58.3041 by changing the saturation by 10% instead.

■ 32.1239, 34.0441,
58.3041

■ 32.1239, 34.0441,
58.3041

303.4185,
320.3286, 435.9480

■ 21.6122, 22.9275,
41.6369

■ 62.3692, 66.0022,
103.8847

■ 13.6872, 14.5400,
28.4936

■ 82.8334, 87.6126,
133.6352

■ 7.9837, 8.4972,
18.4558

■ 107.3458,
113.4896, 168.5838

■ 4.1362, 4.4147,
11.1049

136.2718,
144.0176, 209.1491

■ 1.7795, 1.9081,
6.0224

169.9767,
179.5812, 255.7496

■ 0.5053, 0.5533,
2.7897

208.8259,

■ 0.0000, 0.0000,

220.5646, 308.8039

0.9883

253.1847,
267.3523, 368.7305

■ 0.0000, 0.0000,
0.0000

■ 32.1239, 34.0441,
58.3041

■ 32.1239, 34.0441,
58.3041

■ 27.4859, 28.8932,
57.5549

■ 37.5260, 39.8515,
59.1409

■ 23.5705, 24.3682,
56.8879

■ 43.7242, 46.3362,
60.0659

■ 20.3372, 20.4419,
56.3004

■ 50.7525, 53.5230,
61.0827

■ 17.7395, 17.0828,
55.7890

■ 58.6420, 61.4339,
62.1938

■ 15.7246, 14.2558,
55.3495

■ 67.4220, 70.0900,
63.4018

■ 14.2291, 11.9199,
54.9775

■ 77.1205, 79.5117,
64.7092

■ 13.4974, 10.6857,
54.7778

■ 82.1857, 86.8424,
65.8572

■ 85.5691, 93.6091,
66.9850

■ 87.1931, 96.8573,
67.5264

Harmonies

Analogous

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



29.1063, 34.0441, 54.6454



32.1239, 34.0441, 58.3041



35.4099, 34.0441, 55.5202

Triad

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



32.1239, 34.0441, 58.3041



38.2841, 34.0441, 29.2190



27.2860, 34.0441, 28.2374

Complementary

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



32.1239, 34.0441, 58.3041



41.5740, 42.0209, 27.3934

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.



29.4865, 34.0441, 23.2378



32.1239, 34.0441, 58.3041



35.8430, 34.0441, 23.7333

Square

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



32.1239, 34.0441, 58.3041



39.1071, 34.0441, 37.7441



32.5930, 34.0441, 21.7389



26.4337, 34.0441, 36.4005

Rectangle

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



32.1239, 34.0441, 58.3041



37.2854, 34.0441, 50.6105



32.5930, 34.0441, 21.7389



27.8849, 34.0441, 26.1868

Sweetspot

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



32.1250, 34.0454, 58.3049



81.8415, 86.5976, 107.0092



36.7133, 48.0775, 44.8655



17.1467, 18.1547, 22.8504



0.0000, 0.0000, 0.0000



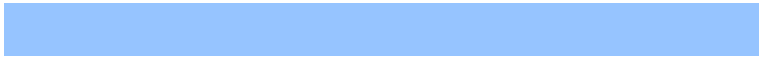
20.3446, 21.4041, 23.3091

Same Dimension

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



32.1250, 34.0454, 58.3049



50.3840, 53.0934, 102.2003



28.3772, 25.5006, 56.8531



10.4280, 11.0300, 13.4969



8.8593, 7.1125, 35.6503



0.4912, 0.4801, 1.7119

Inverse Universe

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



37.7511, 30.7775, 37.2100



62.1485, 47.1887, 57.8810



46.4200, 53.4352, 29.3412



10.8213, 10.7119, 12.0422



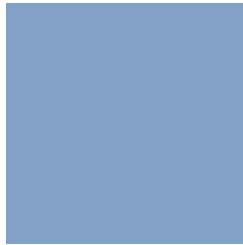
16.2711, 8.2580, 6.6374



0.8066, 0.4055, 0.5048

Previews

White Background



This preview shows how the XYZ color 32.1239, 34.0441, 58.3041 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 32.1239, 34.0441, 58.3041 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

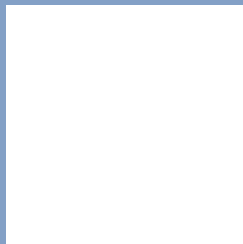
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.1239, 34.0441, 58.3041

Background



This preview shows how black text looks on a background with the XYZ color 32.1239, 34.0441, 58.3041.

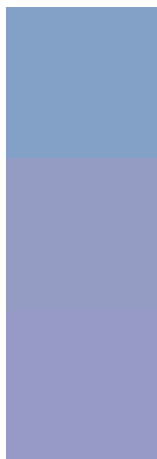


This preview shows how white text looks on a background with the XYZ color 32.1239, 34.0441,

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

32.1239, 34.0441, 58.3041

Protanopia

33.9515, 34.0130, 56.4055

Deuteranopia

34.6269, 33.8140, 58.7346



Tritanopia

29.8155, 34.1609, 46.6172

Trichromacy



Original Color

32.1239, 34.0441, 58.3041

Protanomaly

33.1761, 33.8502, 57.0097

Deuteranomaly

33.6989, 33.8297, 58.7865

Tritanomaly

30.7562, 34.2864, 50.8958

Monochromacy



Original Color

32.1239, 34.0441, 58.3041

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.4403, 33.2573, 43.2903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1239, 34.0441, 58.3041 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(131, 160, 198)` looks like.

```
.text, #text, p{  
    color:rgb(131, 160, 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(131, 160, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 160, 198) }
```

Border

The CSS property to change the border of an element to XYZ 32.1239, 34.0441, 58.3041 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(131, 160, 198) }
```


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

```
.border{ border-color:rgb(131, 160, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 160, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 160, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 160, 198);  
box-shadow:4px 4px 4px 4px rgb(131, 160,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1239, 34.0441, 58.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 160, 198) }
```

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

```
.background{ background-color: rgb(131,  
160, 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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