

Converting Colors

XYZ(30.5601, 31.4433, 55.2801)

Have a look what the booklet for
XYZ(30.5601, 31.4433, 55.2801)
contains.

XYZ(30.6446, 31.5830, 55.5199)	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(30.6446, 31.5830,
55.5199)**

Conversions

Conversions Part 1

Format	Color
Hex	8499C2
RGB	132, 153, 194
RGB Percent	52%, 60%, 76%
CMY	0.4823, 0.4000, 0.2392
CMYK	0.32, 0.21, 0.00, 0.24
HSL	220°, 34%, 64%
HSV	220°, 32%, 76%
XYZ	30.6446, 31.5830, 55.5199
YIQ	151.3950, -25.6770, 8.2990

Conversions

Conversions Part 2

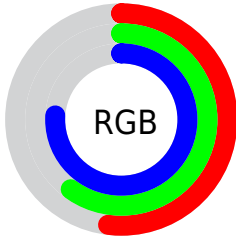
Format	Color
RYB	132, 148, 194
Decimal	8690114
CIELab	63.00, 2.35, -23.58
CIELCh	63, 23.697, 275.692
Yxy	31.5830, 0.2603, 0.2682
Android (android.graphics.Color)	4286880194 (0xFF8499C2)
YUV	151.3950, 21.0043, -17.0094
Hunter-Lab	56.1988, -1.0136, -19.2347

Details

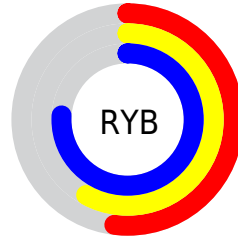
The XYZ color **30.6446, 31.5830, 55.5199** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.3573, 43.0232, 27.9556**, and the grayscale version is **29.5061, 31.0427, 33.8055**.

A 20% lighter version of the original color is **59.9751, 62.0298, 100.0787**, and **12.7933, 13.1017, 26.6655** is the 20% darker color. If you saturate the color by 10%, you get **25.9003, 26.1865, 54.7289**, and if you desaturate by 10%, it is **36.1809, 37.7244, 56.4141**.

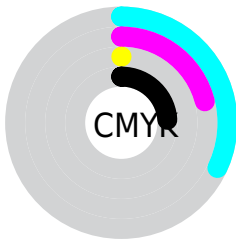
Distribution



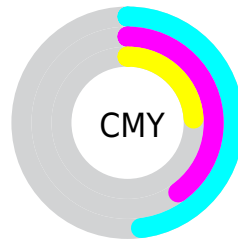
- Red (52%)
- Green (60%)
- Blue (76%)



- Red (52%)
- Yellow (58%)
- Blue (76%)



- Cyan (32%)
- Magenta (21%)
- Yellow (0%)
- Black (24%)



- Cyan (48%)
- Magenta (40%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6446, 31.5830, 55.5199 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 30.6446, 31.5830, 55.5199 by changing the saturation by 10% instead.

■ 30.6446, 31.5830,
55.5199

■ 30.6446, 31.5830,
55.5199

296.7538,
309.2153, 425.2170

■ 20.4789, 21.0432,
39.4167

■ 60.0598, 62.1568,
99.7810

■ 12.8539, 13.1556,
26.7737

■ 80.0399, 82.9596,
128.7761

■ 7.4043, 7.5358,
17.1724

■ 104.0222,
107.9521, 162.9055

■ 3.7648, 3.7994,
10.1943

132.3720,
137.5188, 202.5878

■ 1.5699, 1.5620,
5.4207

165.4548,
172.0441, 248.2416

■ 0.3727, 0.3318,
2.4331

203.6357,

■ 0.0000, 0.0000,

211.9123, 300.2854

0.8044

247.2803,
257.5079, 359.1377

■ 0.0000, 0.0000,
0.0000

■ 30.6446, 31.5830,
55.5199

■ 30.6446, 31.5830,
55.5199

■ 25.9003, 26.1865,
54.7289

■ 36.1809, 37.7244,
56.4141

■ 21.9065, 21.5008,
54.0349

■ 42.5417, 44.6353,
57.4128

■ 18.6222, 17.4944,
53.4347

■ 49.7616, 52.3441,
58.5202

■ 16.0014, 14.1318,
52.9238

■ 57.8721, 60.8761,
59.7395

■ 13.9915, 11.3735,
52.4973

■ 66.9030, 70.2557,
61.0740

■ 12.5311, 9.1746,
52.1499

■ 76.8829, 80.5062,
62.5266

■ 11.6690, 7.7578,
51.9218

■ 82.9703, 89.1402,
63.8722

■ 86.7377, 96.6751,
65.1281

Harmonies

Analogous

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



27.5120, 31.5830, 53.4773



30.6446, 31.5830, 55.5199



33.8257, 31.5830, 51.1232

Triad

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



30.6446, 31.5830, 55.5199



35.4019, 31.5830, 24.9434



24.6616, 31.5830, 27.5164

Complementary

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



30.6446, 31.5830, 55.5199



41.3573, 43.0232, 27.9556

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.



26.5086, 31.5830, 21.7736



30.6446, 31.5830, 55.5199



32.6732, 31.5830, 20.4872

Square

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



30.6446, 31.5830, 55.5199



36.6970, 31.5830, 32.6388



29.4014, 31.5830, 19.4415



24.2041, 31.5830, 36.1996

Rectangle

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



30.6446, 31.5830, 55.5199



35.4990, 31.5830, 45.5300



29.4014, 31.5830, 19.4415



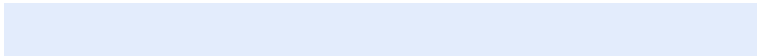
25.1336, 31.5830, 25.2313

Sweetspot

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



30.6456, 31.5842, 55.5206



79.3105, 83.2715, 104.3627



36.2836, 46.4799, 46.2410



16.9769, 17.8151, 22.7938



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.



30.6456, 31.5842, 55.5206



49.6532, 50.5770, 99.6151



29.0255, 26.0878, 54.5451



9.8009, 10.2932, 12.7550



7.7407, 5.2379, 34.1597



0.3989, 0.3553, 1.4974

Inverse Universe

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



36.2501, 30.2729, 34.0708



61.4704, 48.4057, 54.2543



43.3927, 50.5272, 29.2967



10.2108, 10.1329, 11.2007



15.3031, 7.8110, 4.2424



0.6937, 0.3505, 0.3547

Previews

White Background



This preview shows how the XYZ color 30.6446, 31.5830, 55.5199 looks on a white background.

Color Contrast Check

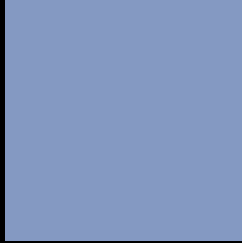
Large Text (above 18pt) WCAG AA × Fail

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 30.6446, 31.5830, 55.5199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

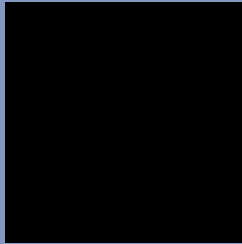
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.6446, 31.5830, 55.5199

Background



This preview shows how black text looks on a background with the XYZ color 30.6446, 31.5830, 55.5199.

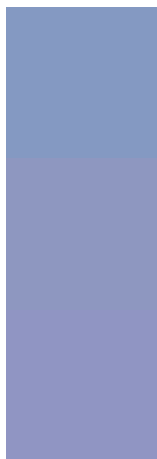


This preview shows how white text looks on a background with the XYZ color 30.6446, 31.5830,

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

30.6446, 31.5830, 55.5199

Protanopia

31.7364, 31.6898, 54.3132

Deuteranopia

32.0994, 31.3643, 55.9919



Tritanopia

28.0651, 31.5282, 42.6366

Trichromacy



Original Color

30.6446, 31.5830, 55.5199

Protanomaly

31.3351, 31.7100, 54.9212

Deuteranomaly

31.5719, 31.3283, 56.0127

Tritanomaly

29.0784, 31.6987, 47.2337

Monochromacy



Original Color

30.6446, 31.5830, 55.5199

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.7049, 31.1758, 41.0111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6446, 31.5830, 55.5199 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(132, 153, 194)` looks like.

```
.text, #text, p{  
    color:rgb(132, 153, 194)  
}
```

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(132, 153, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 153, 194) }
```

Border

The CSS property to change the border of an element to XYZ 30.6446, 31.5830, 55.5199 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(132, 153, 194) }
```


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

```
.border{ border-color:rgb(132, 153, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 153, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 153, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 153, 194);  
box-shadow:4px 4px 4px 4px rgb(132, 153,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6446, 31.5830, 55.5199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 153, 194) }
```

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

```
.background{ background-color: rgb(132,  
153, 194) }
```

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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