

Converting Colors

XYZ(30.6547, 39.7090, 61.9260)

Have a look what the booklet for
XYZ(30.6547, 39.7090, 61.9260)
contains.

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Color

**XYZ(30.6547, 39.7090,
61.9260)**

Conversions

Conversions Part 1

Format	Color
Hex	4DB7CA
RGB	77, 183, 202
RGB Percent	30%, 72%, 79%
CMY	0.6980, 0.2823, 0.2078
CMYK	0.62, 0.09, 0.00, 0.21
HSL	189°, 54%, 55%
HSV	189°, 62%, 79%
XYZ	30.6547, 39.7090, 61.9260
YIQ	153.4720, -69.2750, -16.5630

Conversions

Conversions Part 2

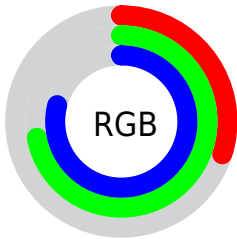
Format	Color
RYB	77, 134, 202
Decimal	5093322
CIELab	69.26, -24.62, -18.70
CIELCh	69, 30.915, 217.224
Yxy	39.7090, 0.2317, 0.3002
Android (android.graphics.Color)	4283283402 (0xFF4DB7CA)
YUV	153.4720, 23.9243, -67.0659
Hunter-Lab	63.0151, -23.4422, -14.1547

Details

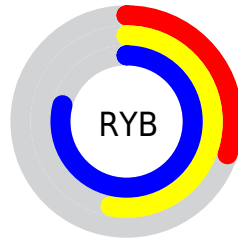
The XYZ color **30.6547, 39.7090, 61.9260** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **29.8805, 21.4593, 9.5896**, and the grayscale version is **30.4058, 31.9893, 34.8363**.

A 20% lighter version of the original color is **59.3977, 74.3563, 105.8293**, and **13.3279, 18.1034, 30.8088** is the 20% darker color. If you saturate the color by 10%, you get **28.6448, 37.7438, 61.6533**, and if you desaturate by 10%, it is **33.1869, 41.9657, 62.2289**.

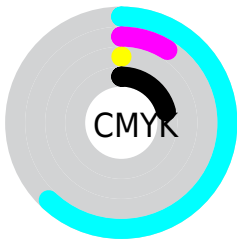
Distribution



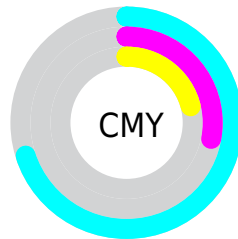
- Red (30%)
- Green (72%)
- Blue (79%)



- Red (30%)
- Yellow (53%)
- Blue (79%)



- Cyan (62%)
- Magenta (9%)
- Yellow (0%)
- Black (21%)



- Cyan (70%)
- Magenta (28%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6547, 39.7090, 61.9260 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 30.6547, 39.7090, 61.9260 by changing the saturation by 10% instead.

■ 30.6547, 39.7090,
61.9260

■ 30.6547, 39.7090,
61.9260

■ 296.7997,
344.8955, 449.6613

■ 20.4866, 27.3117,
44.5375

■ 60.0756, 74.7202,
109.1891

■ 12.8596, 17.8075,
30.7530

■ 80.0590, 98.1029,
139.9008

■ 7.4082, 10.8119,
20.1540

■ 104.0450,
125.9162, 175.8907

■ 3.7673, 5.9405,
12.3218

■ 132.3988,
158.5445, 217.5773

■ 1.5713, 2.8089,
6.8380

■ 165.4858,
196.3722, 265.3791

■ 0.3736, 1.0328,
3.2841

■ 203.6714,

■ 0.0000, 0.0000,

239.7837, 319.7147

1.2415

247.3209,
289.1633, 381.0026

■ 0.0000, 0.0000,
0.0131

■ 0.0000, 0.0000,
0.0000

■ 30.6547, 39.7090,
61.9260

■ 30.6547, 39.7090,
61.9260

■ 28.6448, 37.7438,
61.6533

■ 33.1869, 41.9657,
62.2289

■ 27.1046, 36.0402,
61.4057

■ 36.2801, 44.5314,
62.5610

■ 25.9774, 34.5698,
61.1813

■ 39.9737, 47.4273,
62.9253

■ 25.2801, 33.5029,
61.0121

■ 44.3022, 50.6714,
63.3234

■ 49.2977, 54.2804,
63.7567

■ 54.9899, 58.2697,
64.2267

■ 61.4069, 62.6539,
64.7347

■ 68.5750, 67.4467,
65.2820

■ 75.1046, 71.9319,
65.8036

Harmonies

Analogous

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



29.0598, 39.7090, 46.7582



30.6547, 39.7090, 61.9260



34.1738, 39.7090, 73.5792

Triad

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



30.6547, 39.7090, 61.9260



47.2229, 39.7090, 54.6792



36.5571, 39.7090, 21.4283

Complementary

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



30.6547, 39.7090, 61.9260



29.8805, 21.4593, 9.5896

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.



41.5508, 39.7090, 22.6471



30.6547, 39.7090, 61.9260



48.0017, 39.7090, 39.8959

Square

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



30.6547, 39.7090, 61.9260



43.8022, 39.7090, 68.7971



45.8457, 39.7090, 28.7452



32.2686, 39.7090, 24.9500

Rectangle

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



30.6547, 39.7090, 61.9260



37.2829, 39.7090, 76.6059



45.8457, 39.7090, 28.7452



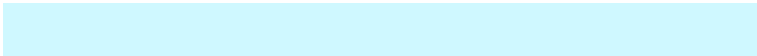
38.2053, 39.7090, 21.3129

Sweetspot

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



30.6560, 39.7105, 61.9270



77.1121, 87.3318, 107.4002



26.2820, 44.6597, 18.2424



16.0076, 18.3283, 22.9440



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.



30.6560, 39.7105, 61.9270



47.6002, 62.9550, 104.2505



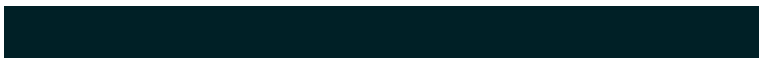
20.5295, 19.4576, 58.5515



11.3924, 12.4252, 14.3682



16.3197, 21.6634, 39.2776



0.8822, 1.1982, 2.0397

Inverse Universe

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



35.5593, 21.2844, 47.0354



56.9771, 30.7001, 75.1038



37.9673, 37.6328, 12.2852



11.6114, 11.3733, 13.7543



20.4483, 9.9899, 25.8774



1.0753, 0.5235, 1.4422

Previews

White Background



This preview shows how the XYZ color 30.6547, 39.7090, 61.9260 looks on a white background.

Color Contrast Check

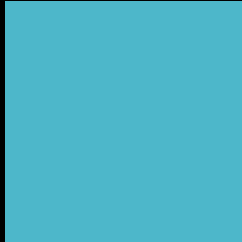
Large Text (above 18pt) WCAG AA × Fail

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 30.6547, 39.7090, 61.9260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

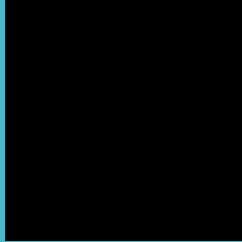
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.6547, 39.7090, 61.9260

Background



This preview shows how black text looks on a background with the XYZ color 30.6547, 39.7090, 61.9260.



This preview shows how white text looks on a background with the XYZ color 30.6547, 39.7090,

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

30.6547, 39.7090, 61.9260

Protanopia

38.5325, 39.2915, 54.8434

Deuteranopia

39.9331, 39.0065, 63.8168



Tritanopia

30.2352, 39.8541, 59.5251

Trichromacy



Original Color

30.6547, 39.7090, 61.9260

Protanomaly

34.3096, 38.7328, 57.2976

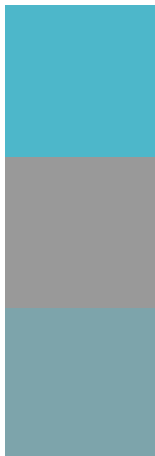
Deuteranomaly

35.2552, 38.5201, 63.3346

Tritanomaly

30.4298, 39.9410, 60.1384

Monochromacy



Original Color

30.6547, 39.7090, 61.9260

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.0836, 33.8512, 43.5291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6547, 39.7090, 61.9260 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(77, 183, 202)` looks like.

```
.text, #text, p{  
    color:rgb(77, 183, 202)  
}
```

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(77, 183, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 183, 202) }
```

Border

The CSS property to change the border of an element to XYZ 30.6547, 39.7090, 61.9260 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(77, 183, 202) }
```


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

```
.border{ border-color:rgb(77, 183, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 183, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 183, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 183, 202);  
box-shadow:4px 4px 4px 4px rgb(77, 183,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6547, 39.7090, 61.9260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 183, 202) }
```

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

```
.background{ background-color: rgb(77, 183,  
202) }
```

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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