

Converting Colors

XYZ(30.9115, 38.7645, 62.0864)

Have a look what the booklet for
XYZ(30.9115, 38.7645, 62.0864)
contains.

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Color

**XYZ(30.8301, 38.5782,
62.3213)**

Conversions

Conversions Part 1

Format	Color
Hex	57B3CB
RGB	87, 179, 203
RGB Percent	34%, 70%, 80%
CMY	0.6588, 0.2980, 0.2039
CMYK	0.57, 0.12, 0.00, 0.20
HSL	192°, 53%, 57%
HSV	192°, 57%, 80%
XYZ	30.8301, 38.5782, 62.3213
YIQ	154.2280, -62.5360, -12.0400

Conversions

Conversions Part 2

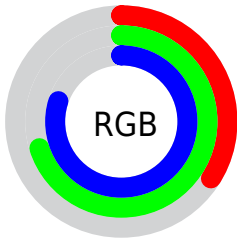
Format	Color
R _Y B	87, 138, 203
Decimal	5747659
CIE Lab	68.44, -20.44, -20.46
CIE LCh	68, 28.923, 225.029
Yxy	38.5782, 0.2340, 0.2929
Android (android.graphics.Color)	4283937739 (0xFF57B3CB)
YUV	154.2280, 24.0446, -58.9590
Hunter-Lab	62.1114, -20.0931, -16.0125

Details

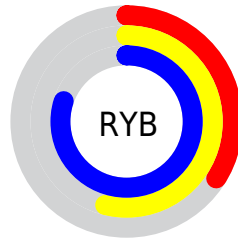
The XYZ color **30.8301, 38.5782, 62.3213** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **32.0344, 24.7549, 12.1080**, and the grayscale version is **30.7339, 32.3344, 35.2122**.

A 20% lighter version of the original color is **59.6124, 72.7477, 105.5075**, and **12.9608, 17.1304, 31.0572** is the 20% darker color. If you saturate the color by 10%, you get **28.3659, 36.0780, 61.9693**, and if you desaturate by 10%, it is **33.8553, 41.4073, 62.7086**.

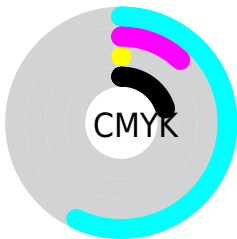
Distribution



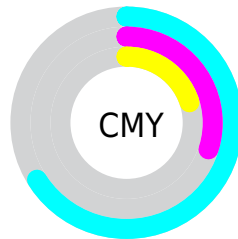
- Red (34%)
- Green (70%)
- Blue (80%)



- Red (34%)
- Yellow (54%)
- Blue (80%)



- Cyan (57%)
- Magenta (12%)
- Yellow (0%)
- Black (20%)



- Cyan (66%)
- Magenta (30%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8301, 38.5782, 62.3213 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 30.8301, 38.5782, 62.3213 by changing the saturation by 10% instead.

■ 30.8301, 38.5782,
62.3213

■ 30.8301, 38.5782,
62.3213

297.5957,
340.0938, 451.1421

■ 20.6207, 26.4318,
44.8549

■ 60.3501, 72.9935,
109.7659

■ 12.9579, 17.1469,
31.0010

■ 80.3915, 96.0312,
140.5811

■ 7.4764, 10.3393,
20.3412

■ 104.4409,
123.4680, 176.6830

■ 3.8107, 5.6245,
12.4567

■ 132.8637,
155.6884, 218.4902

■ 1.5956, 2.6181,
6.9292

166.0252,
193.0768, 266.4212

■ 0.3896, 0.9358,
3.3401

204.2908,

■ 0.0000, 0.0000,

236.0176, 320.8944

1.2708

248.0258,
284.8951, 382.3286

■ 0.0000, 0.0000,
0.0377

■ 0.0000, 0.0000,
0.0000

■ 30.8301, 38.5782,
62.3213

■ 30.8301, 38.5782,
62.3213

■ 28.3659, 36.0780,
61.9693

■ 33.8553, 41.4073,
62.7086

■ 26.4127, 33.8781,
61.6476

■ 37.4785, 44.5823,
63.1305

■ 24.9179, 31.9520,
61.3546

■ 41.7380, 48.1240,
63.5896

■ 23.8084, 30.2615,
61.0868

■ 46.6675, 52.0502,
64.0876

■ 23.5248, 29.8021,
61.0131

■ 52.2986, 56.3774,
64.6261

■ 58.6606, 61.1210,
65.2064

■ 65.7810, 66.2957,
65.8299

■ 73.6862, 71.9152,
66.4979

■ 76.7815, 75.0956,
66.9487

Harmonies

Analogous

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



28.8566, 38.5782, 48.8366



30.8301, 38.5782, 62.3213



34.4553, 38.5782, 71.1274

Triad

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



30.8301, 38.5782, 62.3213



45.7766, 38.5782, 48.8097



34.4472, 38.5782, 22.1696

Complementary

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



30.8301, 38.5782, 62.3213



32.0344, 24.7549, 12.1080

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.



38.9722, 38.5782, 22.1654



30.8301, 38.5782, 62.3213



45.7740, 38.5782, 35.8423

Square

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



30.8301, 38.5782, 62.3213



43.2056, 38.5782, 62.2981



43.1986, 38.5782, 26.6671



30.8246, 38.5782, 26.6802

Rectangle

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



30.8301, 38.5782, 62.3213



37.4390, 38.5782, 72.2030



43.1986, 38.5782, 26.6671



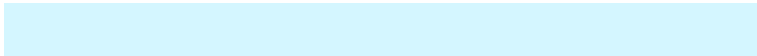
35.9065, 38.5782, 21.6770

Sweetspot

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



30.8313, 38.5796, 62.3222



78.0658, 87.0956, 107.3044



28.1129, 45.8692, 22.1825



16.3300, 18.3444, 22.9301



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.



30.8313, 38.5796, 62.3222



46.5052, 59.3375, 103.6099



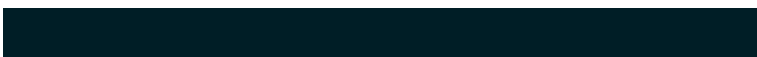
21.6463, 20.2096, 59.2606



11.3385, 12.3175, 14.3503



15.0379, 19.0998, 38.8503



0.8267, 1.0872, 2.0212

Inverse Universe

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



36.1746, 22.7689, 45.1374



56.7728, 31.9525, 69.9153



40.3895, 41.4651, 14.8930



11.5842, 11.3624, 13.6112



19.8013, 9.7311, 22.4703



1.0472, 0.5123, 1.2946

Previews

White Background



This preview shows how the XYZ color 30.8301, 38.5782, 62.3213 looks on a white background.

Color Contrast Check

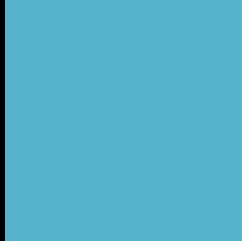
Large Text (above 18pt) WCAG AA × Fail

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 30.8301, 38.5782, 62.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

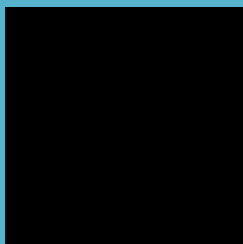
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

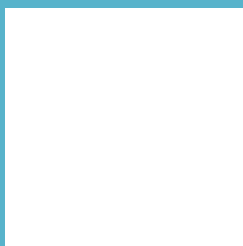
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.8301, 38.5782, 62.3213

Background



This preview shows how black text looks on a background with the XYZ color 30.8301, 38.5782, 62.3213.



This preview shows how white text looks on a background with the XYZ color 30.8301, 38.5782,

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

30.8301, 38.5782, 62.3213

Protanopia

37.7787, 38.3376, 55.8608

Deuteranopia

39.0576, 38.2764, 64.3610



Tritanopia

29.8277, 38.4675, 57.4826

Trichromacy



Original Color

30.8301, 38.5782, 62.3213

Protanomaly

34.2843, 37.8490, 58.3219

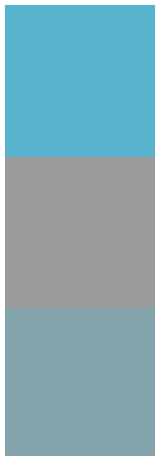
Deuteranomaly

35.1601, 37.9005, 63.8549

Tritanomaly

30.2606, 38.6510, 59.2916

Monochromacy



Original Color

30.8301, 38.5782, 62.3213

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.7495, 33.9188, 44.0087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8301, 38.5782, 62.3213 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(87, 179, 203)` looks like.

```
.text, #text, p{  
    color:rgb(87, 179, 203)  
}
```

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(87, 179, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 179, 203) }
```

Border

The CSS property to change the border of an element to XYZ 30.8301, 38.5782, 62.3213 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(87, 179, 203) }
```


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

```
.border{ border-color:rgb(87, 179, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 179, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 179, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 179, 203);  
box-shadow:4px 4px 4px 4px rgb(87, 179,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8301, 38.5782, 62.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 179, 203) }
```

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

```
.background{ background-color: rgb(87, 179,  
203) }
```

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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