

Converting Colors

XYZ(30.5253, 38.2476, 62.1768)

Have a look what the booklet for
XYZ(30.5253, 38.2476, 62.1768)
contains.

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Color

**XYZ(30.4462, 38.0839,
62.2462)**

Conversions

Conversions Part 1

Format	Color
Hex	55B2CB
RGB	85, 178, 203
RGB Percent	33%, 70%, 80%
CMY	0.6666, 0.3019, 0.2039
CMYK	0.58, 0.12, 0.00, 0.20
HSL	193°, 53%, 56%
HSV	193°, 58%, 80%
XYZ	30.4462, 38.0839, 62.2462
YIQ	153.0430, -63.4530, -11.9410

Conversions

Conversions Part 2

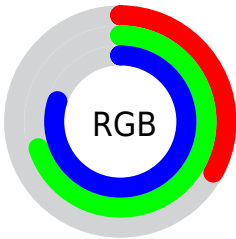
Format	Color
RYP	85, 137, 203
Decimal	5616331
CIE Lab	68.08, -20.31, -21.02
CIE LCh	68, 29.231, 225.981
Yxy	38.0839, 0.2328, 0.2912
Android (android.graphics.Color)	4283806411 (0xFF55B2CB)
YUV	153.0430, 24.6288, -59.6737
Hunter-Lab	61.7122, -19.9318, -16.6046

Details

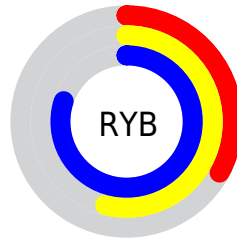
The XYZ color **30.4462, 38.0839, 62.2462** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **31.8452, 24.5054, 11.6471**, and the grayscale version is **30.2142, 31.7877, 34.6168**.

A 20% lighter version of the original color is **58.9744, 71.9949, 105.3959**, and **12.7584, 16.8372, 31.0112** is the 20% darker color. If you saturate the color by 10%, you get **28.0187, 35.5827, 61.8921**, and if you desaturate by 10%, it is **33.4315, 40.9140, 62.6358**.

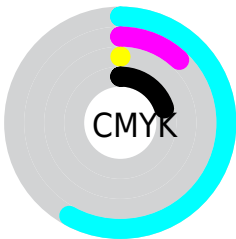
Distribution



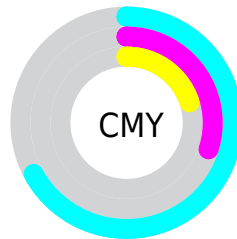
- Red (33%)
- Green (70%)
- Blue (80%)



- Red (33%)
- Yellow (54%)
- Blue (80%)



- Cyan (58%)
- Magenta (12%)
- Yellow (0%)
- Black (20%)



- Cyan (67%)
- Magenta (30%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4462, 38.0839, 62.2462 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 30.4462, 38.0839, 62.2462 by changing the saturation by 10% instead.

■ 30.4462, 38.0839,
62.2462

■ 30.4462, 38.0839,
62.2462

295.8514,
337.9797, 450.8610

■ 20.3273, 26.0478,
44.7946

■ 59.7489, 72.2367,
109.6563

■ 12.7428, 16.8594,
30.9539

■ 79.6634, 95.1222,
140.4519

■ 7.3275, 10.1343,
20.3056

■ 103.5738,
122.3930, 176.5326

■ 3.7159, 5.4881,
12.4311

■ 131.8454,
154.4335, 218.3169

■ 1.5427, 2.5364,
6.9119

164.8436,
191.6280, 266.2233

■ 0.3546, 0.8948,
3.3294

202.9338,

■ 0.0000, 0.0000,

234.3609, 320.6705

1.2652

246.4813,
283.0167, 382.0768

■ 0.0000, 0.0000,
0.0330

■ 0.0000, 0.0000,
0.0000

■ 30.4462, 38.0839,
62.2462

■ 30.4462, 38.0839,
62.2462

■ 28.0187, 35.5827,
61.8921

■ 33.4315, 40.9140,
62.6358

■ 26.0986, 33.3818,
61.5685

■ 37.0123, 44.0906,
63.0602

■ 24.6321, 31.4539,
61.2736

■ 41.2271, 47.6345,
63.5221

■ 23.5372, 29.7562,
61.0036

■ 46.1100, 51.5637,
64.0232

■ 23.3493, 29.4512,
60.9547

■ 51.6928, 55.8949,
64.5649

■ 58.0048, 60.6436,
65.1489

■ 65.0741, 65.8246,
65.7763

■ 72.9268, 71.4517,
66.4486

■ 76.7577, 75.0480,
66.9408

Harmonies

Analogous

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



28.4137, 38.0839, 48.7632



30.4462, 38.0839, 62.2462



34.1171, 38.0839, 70.8742

Triad

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



30.4462, 38.0839, 62.2462



45.3773, 38.0839, 47.8448



33.8394, 38.0839, 21.7253

Complementary

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



30.4462, 38.0839, 62.2462



31.8452, 24.5054, 11.6471

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.



38.3610, 38.0839, 21.5812



30.4462, 38.0839, 62.2462



45.2872, 38.0839, 34.9373

Square

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



30.4462, 38.0839, 62.2462



42.8681, 38.0839, 61.4534



42.6312, 38.0839, 25.9183



30.2576, 38.0839, 26.3648

Rectangle

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



30.4462, 38.0839, 62.2462



37.1179, 38.0839, 71.7506



42.6312, 38.0839, 25.9183



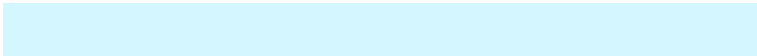
35.2927, 38.0839, 21.1885

Sweetspot

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



30.4474, 38.0853, 62.2471



78.0004, 86.9647, 107.2825



27.8421, 45.7396, 21.7179



16.3145, 18.3132, 22.9249



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.



30.4474, 38.0853, 62.2471



45.9305, 58.4973, 103.4780



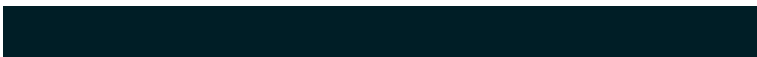
21.2917, 19.7738, 59.1952



11.3337, 12.3078, 14.3487



14.9273, 18.8786, 38.8134



0.8219, 1.0775, 2.0196

Inverse Universe

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



35.9140, 22.4090, 44.5534



56.4073, 31.5173, 68.8811



40.1982, 41.2114, 14.4314



11.5818, 11.3615, 13.5983



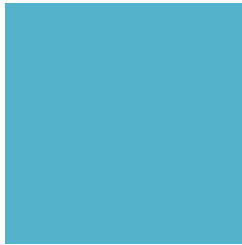
19.7455, 9.7088, 22.1763



1.0448, 0.5113, 1.2817

Previews

White Background



This preview shows how the XYZ color 30.4462, 38.0839, 62.2462 looks on a white background.

Color Contrast Check

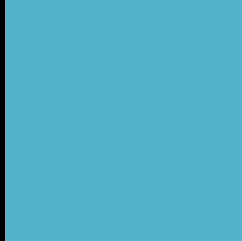
Large Text (above 18pt) WCAG AA × Fail

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 30.4462, 38.0839, 62.2462 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 30.4462, 38.0839, 62.2462

Background



This preview shows how black text looks on a background with the XYZ color 30.4462, 38.0839, 62.2462.



This preview shows how white text looks on a background with the XYZ color 30.4462, 38.0839,

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

30.4462, 38.0839, 62.2462

Protanopia

37.1992, 37.7721, 55.7822

Deuteranopia

38.6800, 37.8192, 64.2927



Tritanopia

29.2510, 37.8846, 56.8097

Trichromacy



Original Color

30.4462, 38.0839, 62.2462

Protanomaly

33.7817, 37.3127, 58.2449

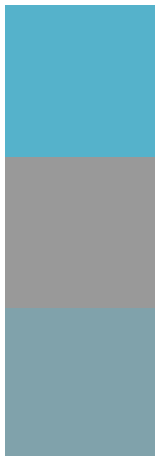
Deuteranomaly

34.8161, 37.4480, 63.7857

Tritanomaly

29.6778, 38.0653, 58.6065

Monochromacy



Original Color

30.4462, 38.0839, 62.2462

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.1731, 33.3701, 43.4316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4462, 38.0839, 62.2462 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(85, 178, 203)` looks like.

```
.text, #text, p{  
    color:rgb(85, 178, 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(85, 178, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 178, 203) }
```

Border

The CSS property to change the border of an element to XYZ 30.4462, 38.0839, 62.2462 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(85, 178, 203) }
```


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

```
.border{ border-color:rgb(85, 178, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 178, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 178, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 178, 203);  
box-shadow:4px 4px 4px 4px rgb(85, 178,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4462, 38.0839, 62.2462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 178, 203) }
```

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

```
.background{ background-color: rgb(85, 178,  
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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