

Converting Colors

XYZ(24.2557, 30.0846, 55.4993)

Have a look what the booklet for
XYZ(24.2557, 30.0846, 55.4993)
contains.

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Color

**XYZ(24.2329, 30.0288,
55.5579)**

Conversions

Conversions Part 1

Format	Color
Hex	3DA0C2
RGB	61, 160, 194
RGB Percent	24%, 63%, 76%
CMY	0.7608, 0.3725, 0.2392
CMYK	0.69, 0.18, 0.00, 0.24
HSL	195°, 52%, 50%
HSV	195°, 69%, 76%
XYZ	24.2329, 30.0288, 55.5579
YIQ	134.2750, -69.9180, -10.4140

Conversions

Conversions Part 2

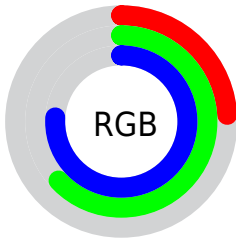
Format	Color
RYB	61, 118, 194
Decimal	4038850
CIELab	61.68, -17.78, -25.89
CIElCh	62, 31.403, 235.526
Yxy	30.0288, 0.2207, 0.2734
Android (android.graphics.Color)	4282228930 (0xFF3DA0C2)
YUV	134.2750, 29.4444, -64.2622
Hunter-Lab	54.7985, -16.9615, -21.7526

Details

The XYZ color **24.2329, 30.0288, 55.5579** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **27.1837, 19.9921, 6.8421**, and the grayscale version is **22.6758, 23.8567, 25.9800**.

A 20% lighter version of the original color is **50.0252, 59.8510, 100.1826**, and **10.0962, 12.6186, 26.7144** is the 20% darker color. If you saturate the color by 10%, you get **22.4051, 27.8361, 55.2316**, and if you desaturate by 10%, it is **26.5288, 32.5149, 55.9173**.

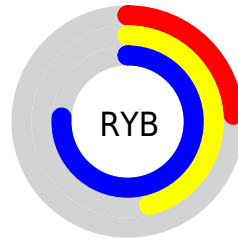
Distribution



Red (24%)

Green (63%)

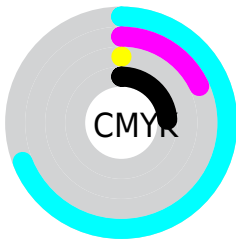
Blue (76%)



Red (24%)

Yellow (46%)

Blue (76%)

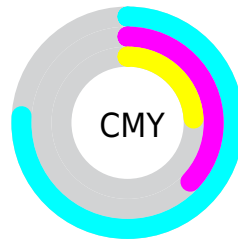


Cyan (69%)

Magenta (18%)

Yellow (0%)

Black (24%)



Cyan (76%)

Magenta (37%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2329, 30.0288, 55.5579 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 24.2329, 30.0288, 55.5579 by changing the saturation by 10% instead.

■ 24.2329, 30.0288,
55.5579

■ 24.2329, 30.0288,
55.5579

266.4145,
302.0387, 425.3647

■ 15.6321, 19.8604,
39.4470

■ 49.8619, 59.7077,
99.8372

■ 9.3534, 12.2936,
26.7971

■ 67.6209, 79.9871,
128.8427

■ 5.0314, 6.9440,
17.1898

■ 89.1633, 104.4056,
162.9834

■ 2.3006, 3.4271,
10.2065

■ 114.8545,
133.3476, 202.6779

■ 0.7950, 1.3586,
5.4287

■ 145.0599,
167.1975, 248.3447

■ 0.0000, 0.1859,
2.4378

180.1448,

■ 0.0000, 0.0000,

206.3397, 300.4025

0.8069

220.4745,
251.1586, 359.2696

■ 0.0000, 0.0000,
0.0000

■ 24.2329, 30.0288,
55.5579

■ 24.2329, 30.0288,
55.5579

■ 22.4051, 27.8361,
55.2316

■ 26.5288, 32.5149,
55.9173

■ 20.9929, 25.9074,
54.9337

■ 29.3320, 35.3135,
56.3098

■ 19.9172, 24.2019,
54.6612

■ 32.6809, 38.4454,
56.7378

■ 19.7726, 23.9649,
54.6231

■ 36.6089, 41.9285,
57.2031

■ 41.1471, 45.7793,
57.7072

■ 46.3238, 50.0130,
58.2515

■ 52.1658, 54.6439,
58.8374

■ 58.6982, 59.6855,
59.4663

■ 65.9448, 65.1506,
60.1392

Harmonies

Analogous

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



21.8907, 30.0288, 43.6425



24.2329, 30.0288, 55.5579



27.9196, 30.0288, 61.4033

Triad

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



24.2329, 30.0288, 55.5579



37.3197, 30.0288, 34.5232



25.2188, 30.0288, 16.0235

Complementary

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



24.2329, 30.0288, 55.5579



27.1837, 19.9921, 6.8421

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.



29.1725, 30.0288, 14.7092



24.2329, 30.0288, 55.5579



36.4190, 30.0288, 23.7529

Square

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



24.2329, 30.0288, 55.5579



35.6870, 30.0288, 47.5188



33.3327, 30.0288, 17.1647



22.4197, 30.0288, 21.3293

Rectangle

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



24.2329, 30.0288, 55.5579



30.7456, 30.0288, 60.2398



33.3327, 30.0288, 17.1647



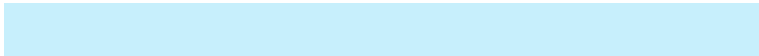
26.4453, 30.0288, 15.1655

Sweetspot

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



24.2339, 30.0299, 55.5586



72.1475, 80.9315, 104.2886



23.2489, 40.3891, 17.2206



15.2867, 17.2893, 22.7814



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.



24.2339, 30.0299, 55.5586



39.2893, 48.7158, 99.8021



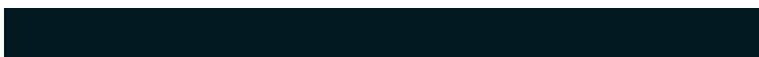
15.6882, 12.9385, 52.7101



10.1435, 10.9784, 12.8692



13.0684, 15.8933, 35.9355



0.6174, 0.7921, 1.5702

Inverse Universe

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



30.2629, 17.3460, 35.0119



51.6338, 26.8383, 56.8148



35.7926, 37.2099, 9.7118



10.3837, 10.2021, 12.1113



17.9923, 8.8867, 18.4033



0.8040, 0.3946, 0.9352

Previews

White Background



This preview shows how the XYZ color 24.2329, 30.0288, 55.5579 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2329, 30.0288, 55.5579 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

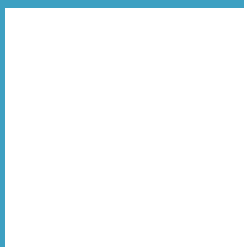
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.2329, 30.0288, 55.5579

Background



This preview shows how black text looks on a background with the XYZ color 24.2329, 30.0288, 55.5579.

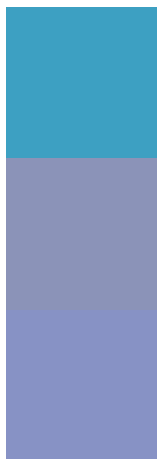


This preview shows how white text looks on a background with the XYZ color 24.2329, 30.0288,

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

24.2329, 30.0288, 55.5579

Protanopia

29.7329, 29.8171, 49.5356

Deuteranopia

30.3486, 29.7399, 56.9642



Tritanopia

22.2491, 30.0071, 45.6936

Trichromacy



Original Color

24.2329, 30.0288, 55.5579

Protanomaly

26.8609, 29.4668, 51.8489

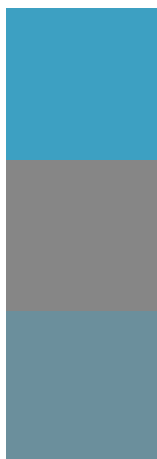
Deuteranomaly

27.2148, 29.3069, 56.4470

Tritanomaly

22.9889, 30.0438, 49.3871

Monochromacy



Original Color

24.2329, 30.0288, 55.5579

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.8866, 25.1710, 35.1574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2329, 30.0288, 55.5579 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(61, 160, 194)` looks like.

```
.text, #text, p{  
    color:rgb(61, 160, 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(61, 160, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 160, 194) }
```

Border

The CSS property to change the border of an element to XYZ 24.2329, 30.0288, 55.5579 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(61, 160, 194) }
```


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

```
.border{ border-color:rgb(61, 160, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 160, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 160, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 160, 194);  
box-shadow:4px 4px 4px 4px rgb(61, 160,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2329, 30.0288, 55.5579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 160, 194) }
```

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

```
.background{ background-color: rgb(61, 160,  
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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