

Converting Colors

XYZ(28.4558, 29.2230, 55.6345)

Have a look what the booklet for
XYZ(28.4558, 29.2230, 55.6345)
contains.

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Color

**XYZ(28.4663, 29.2575,
55.7767)**

Conversions

Conversions Part 1

Format	Color
Hex	7A94C3
RGB	122, 148, 195
RGB Percent	48%, 58%, 76%
CMY	0.5216, 0.4196, 0.2353
CMYK	0.37, 0.24, 0.00, 0.24
HSL	219°, 38%, 62%
HSV	219°, 37%, 76%
XYZ	28.4663, 29.2575, 55.7767
YIQ	145.5840, -30.5830, 9.1050

Conversions

Conversions Part 2

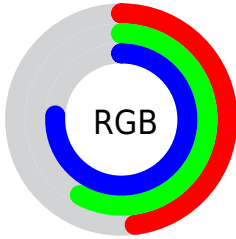
Format	Color
R_{YB}	122, 141, 195
Decimal	8033475
CIE _{Lab}	61.01, 2.60, -27.25
CIE _{LCh}	61, 27.378, 275.444
Yxy	29.2575, 0.2508, 0.2578
Android (android.graphics.Color)	4286223555 (0xFF7A94C3)
YUV	145.5840, 24.3621, -20.6832
Hunter-Lab	54.0902, -0.7178, -23.2755

Details

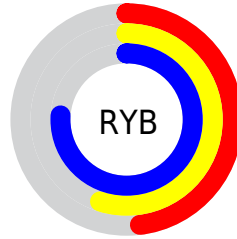
The XYZ color **28.4663, 29.2575, 55.7767** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **40.2073, 41.3841, 24.2823**, and the grayscale version is **27.0649, 28.4744, 31.0086**.

A 20% lighter version of the original color is **56.5957, 58.4994, 100.4041**, and **11.7012, 11.9605, 26.8912** is the 20% darker color. If you saturate the color by 10%, you get **24.1137, 24.2476, 55.0396**, and if you desaturate by 10%, it is **33.5884, 34.9825, 56.6123**.

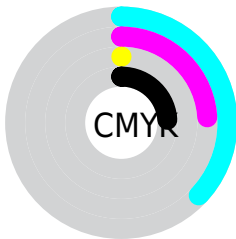
Distribution



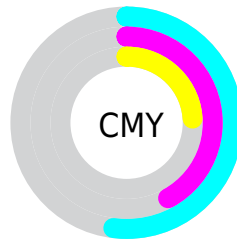
- Red (48%)
- Green (58%)
- Blue (76%)



- Red (48%)
- Yellow (55%)
- Blue (76%)



- Cyan (37%)
- Magenta (24%)
- Yellow (0%)
- Black (24%)



- Cyan (52%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4663, 29.2575, 55.7767 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 28.4663, 29.2575, 55.7767 by changing the saturation by 10% instead.

■ 28.4663, 29.2575,
55.7767

■ 28.4663, 29.2575,
55.7767

286.7283,
298.4280, 426.2141

■ 18.8197, 19.2757,
39.6211

■ 56.6315, 58.4860,
100.1605

■ 11.6433, 11.8697,
26.9317

■ 75.8808, 78.5014,
129.2259

■ 6.5718, 6.6550,
17.2900

■ 99.0618, 102.6302,
163.4316

■ 3.2397, 3.2473,
10.2773

126.5397,
131.2567, 203.1962

■ 1.2817, 1.2622,
5.4752

158.6800,
164.7653, 248.9382

■ 0.1695, 0.1116,
2.4651

195.8479,

■ 0.0000, 0.0000,

203.5405, 301.0761

0.8216

238.4089,
247.9666, 360.0286

■ 0.0000, 0.0000,
0.0000

■ 28.4663, 29.2575,
55.7767

■ 28.4663, 29.2575,
55.7767

■ 24.1137, 24.2476,
55.0396

■ 33.5884, 34.9825,
56.6123

■ 20.4877, 19.9187,
54.3952

■ 39.5142, 41.4479,
57.5479

■ 17.5451, 16.2385,
53.8399

■ 46.2792, 48.6818,
58.5876

■ 15.2367, 13.1705,
53.3694

■ 53.9158, 56.7098,
59.7347

■ 13.5057, 10.6736,
52.9787

■ 62.4546, 65.5563,
60.9922

■ 12.2742, 8.6947,
52.6616

■ 71.9248, 75.2444,
62.3631

■ 12.0065, 8.2523,
52.5903

■ 81.0532, 85.1258,
63.7893

■ 84.7937, 92.6068,
65.0361

■ 86.8504, 96.7202,
65.7217

Harmonies

Analogous

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



25.0456, 29.2575, 53.3526



28.4663, 29.2575, 55.7767



31.9926, 29.2575, 50.7592

Triad

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



28.4663, 29.2575, 55.7767



33.7993, 29.2575, 21.7405



22.0075, 29.2575, 24.3484

Complementary

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



28.4663, 29.2575, 55.7767



40.2073, 41.3841, 24.2823

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.



24.0059, 29.2575, 18.3478



28.4663, 29.2575, 55.7767



30.7671, 29.2575, 17.0838

Square

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



28.4663, 29.2575, 55.7767



35.2362, 29.2575, 30.0232



27.1607, 29.2575, 15.9901



21.5055, 29.2575, 33.7628

Rectangle

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



28.4663, 29.2575, 55.7767



33.8690, 29.2575, 44.3926



27.1607, 29.2575, 15.9901



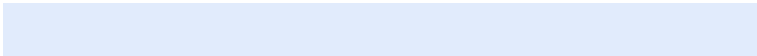
22.5176, 29.2575, 21.9350

Sweetspot

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



28.4673, 29.2586, 55.7774



78.1796, 82.1844, 104.2125



34.6317, 46.0044, 44.2152



16.7509, 17.6027, 22.7647



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.



28.4673, 29.2586, 55.7774



44.4461, 44.8967, 98.7932



26.2850, 22.7444, 54.6350



9.8153, 10.3219, 12.7598



7.8761, 5.5087, 34.2048



0.4058, 0.3689, 1.4997

Inverse Universe

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



34.8114, 27.6604, 31.5223



57.6865, 42.4678, 47.9684



43.1007, 50.7835, 25.9441



10.2181, 10.1358, 11.2389



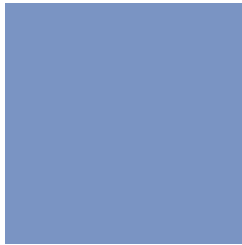
15.3715, 7.8383, 4.6022



0.6972, 0.3519, 0.3728

Previews

White Background



This preview shows how the XYZ color 28.4663, 29.2575, 55.7767 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 28.4663, 29.2575, 55.7767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

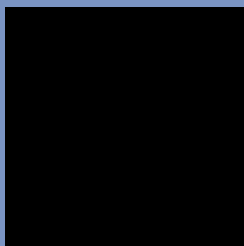
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

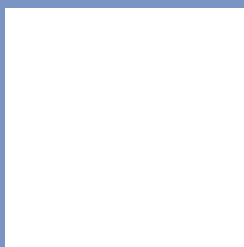
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.4663, 29.2575, 55.7767

Background



This preview shows how black text looks on a background with the XYZ color 28.4663, 29.2575, 55.7767.



This preview shows how white text looks on a background with the XYZ color 28.4663, 29.2575,

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

28.4663, 29.2575, 55.7767

Protanopia

29.5826, 29.1694, 54.5232

Deuteranopia

29.9207, 29.3047, 56.3039



Tritanopia

25.3444, 29.1805, 40.3730

Trichromacy



Original Color

28.4663, 29.2575, 55.7767

Protanomaly

29.2224, 29.1986, 55.1347

Deuteranomaly

29.4486, 29.2891, 56.3258

Tritanomaly

26.4736, 29.1591, 45.8279

Monochromacy



Original Color

28.4663, 29.2575, 55.7767

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.4511, 28.8661, 39.2469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4663, 29.2575, 55.7767 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(122, 148, 195)` looks like.

```
.text, #text, p{  
    color:rgb(122, 148, 195)  
}
```

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(122, 148, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 148, 195) }
```

Border

The CSS property to change the border of an element to XYZ 28.4663, 29.2575, 55.7767 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(122, 148, 195) }
```


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

```
.border{ border-color:rgb(122, 148, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 148, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 148, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 148, 195);  
box-shadow:4px 4px 4px 4px rgb(122, 148,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4663, 29.2575, 55.7767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 148, 195) }
```

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

```
.background{ background-color: rgb(122,  
148, 195) }
```

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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