

Converting Colors

XYZ(28.7781, 32.0309, 54.5033)

Have a look what the booklet for
XYZ(28.7781, 32.0309, 54.5033)
contains.

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Color

**XYZ(28.8520, 32.1795,
54.5598)**

Conversions

Conversions Part 1

Format	Color
Hex	729FC0
RGB	114, 159, 192
RGB Percent	45%, 62%, 75%
CMY	0.5529, 0.3765, 0.2471
CMYK	0.41, 0.17, 0.00, 0.25
HSL	205°, 38%, 60%
HSV	205°, 41%, 75%
XYZ	28.8520, 32.1795, 54.5598
YIQ	149.3070, -37.4130, 0.7230

Conversions

Conversions Part 2

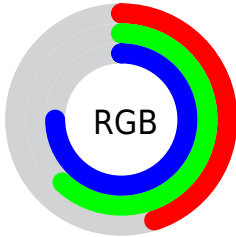
Format	Color
RYB	114, 143, 192
Decimal	7512000
CIELab	63.49, -6.60, -21.80
CIElCh	63, 22.779, 253.157
Yxy	32.1795, 0.2496, 0.2784
Android (android.graphics.Color)	4285702080 (0xFF729FC0)
YUV	149.3070, 21.0476, -30.9642
Hunter-Lab	56.7270, -8.4850, -17.3160

Details

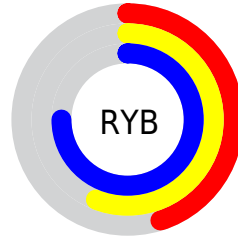
The XYZ color **28.8520, 32.1795, 54.5598** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **35.2098, 33.2894, 20.4903**, and the grayscale version is **28.6226, 30.1132, 32.7933**.

A 20% lighter version of the original color is **57.3520, 63.3055, 98.0033**, and **11.8745, 13.5522, 26.0347** is the 20% darker color. If you saturate the color by 10%, you get **25.2607, 28.3228, 54.0052**, and if you desaturate by 10%, it is **33.0613, 36.4925, 55.1710**.

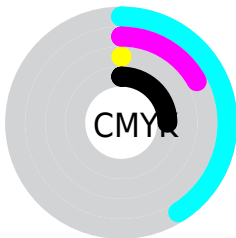
Distribution



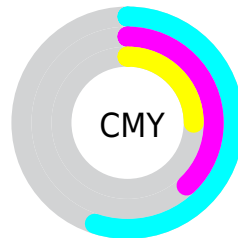
- Red (45%)
- Green (62%)
- Blue (75%)



- Red (45%)
- Yellow (56%)
- Blue (75%)



- Cyan (41%)
- Magenta (17%)
- Yellow (0%)
- Black (25%)



- Cyan (55%)
- Magenta (38%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8520, 32.1795, 54.5598 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 28.8520, 32.1795, 54.5598 by changing the saturation by 10% instead.

■ 28.8520, 32.1795,
54.5598

■ 28.8520, 32.1795,
54.5598

288.5228,
311.9361, 421.4759

■ 19.1126, 21.4986,
38.6532

■ 57.2410, 63.0924,
98.3604

■ 11.8562, 13.4890,
26.1843

■ 76.6214, 84.0932,
127.0914

■ 6.7173, 7.7661,
16.7345

■ 99.9462, 109.3028,
160.9343

■ 3.3307, 3.9457,
9.8855

127.5806,
139.1055, 200.3076

■ 1.3310, 1.6432,
5.2185

159.8902,
173.8858, 245.6299

■ 0.2062, 0.3865,
2.3150

197.2401,

■ 0.0000, 0.0000,

214.0281, 297.3197

0.7396

239.9959,
259.9167, 355.7955

■ 0.0000, 0.0000,
0.0000

■ 28.8520, 32.1795,
54.5598

■ 28.8520, 32.1795,
54.5598

■ 25.2607, 28.3228,
54.0052

■ 33.0613, 36.4925,
55.1710

■ 22.2496, 24.8982,
53.5029

■ 37.9175, 41.2771,
55.8386

■ 19.7811, 21.8843,
53.0513

■ 43.4511, 46.5521,
56.5651

■ 17.8112, 19.2558,
52.6478

■ 49.6899, 52.3344,
57.3524

■ 16.2883, 16.9830,
52.2893

■ 56.6597, 58.6395,
58.2020

■ 15.1742, 15.1251,
51.9894

■ 64.3853, 65.4825,
59.1157

■ 72.8901, 72.8778,
60.0949

■ 77.4064, 78.3696,
60.9169

■ 79.6418, 82.8403,
61.6620

Harmonies

Analogous

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



26.3481, 32.1795, 48.3977



28.8520, 32.1795, 54.5598



31.9953, 32.1795, 54.9514

Triad

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



28.8520, 32.1795, 54.5598



36.9185, 32.1795, 31.2099



26.6000, 32.1795, 23.7765

Complementary

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



28.8520, 32.1795, 54.5598



35.2098, 33.2894, 20.4903

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.



29.2180, 32.1795, 20.6310



28.8520, 32.1795, 54.5598



35.2549, 32.1795, 24.3953

Square

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



28.8520, 32.1795, 54.5598



36.8035, 32.1795, 40.3476



32.3874, 32.1795, 20.8359



25.1108, 32.1795, 30.2159

Rectangle

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



28.8520, 32.1795, 54.5598



34.0448, 32.1795, 51.7931



32.3874, 32.1795, 20.8359



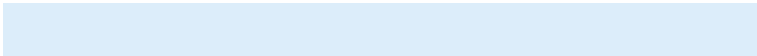
27.3691, 32.1795, 22.3530

Sweetspot

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



28.8530, 32.1807, 54.5606



77.0742, 82.7897, 102.2780



31.0172, 43.3683, 34.1356



16.2425, 17.4846, 21.9041



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.8530, 32.1807, 54.5606



46.2750, 51.8742, 97.9341



23.2315, 20.9377, 52.6867



10.0000, 10.6913, 12.8214



10.2889, 10.3344, 35.0091



0.5116, 0.5806, 1.5350

Inverse Universe

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



34.0144, 25.7453, 35.9788



57.2401, 39.6821, 58.1263



42.2299, 47.3296, 22.8303



10.3113, 10.1731, 11.7298



16.5893, 8.3255, 11.0155



0.7506, 0.3733, 0.6542

Previews

White Background



This preview shows how the XYZ color 28.8520, 32.1795, 54.5598 looks on a white background.

Color Contrast Check

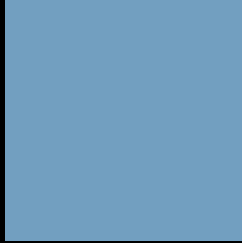
Large Text (above 18pt) WCAG AA × Fail

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 28.8520, 32.1795, 54.5598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

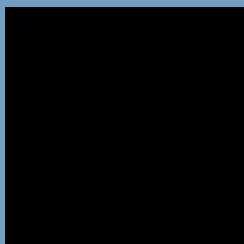
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

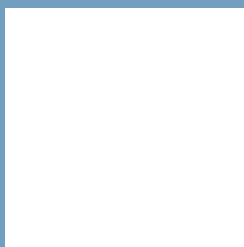
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.8520, 32.1795, 54.5598

Background



This preview shows how black text looks on a background with the XYZ color 28.8520, 32.1795, 54.5598.



This preview shows how white text looks on a background with the XYZ color 28.8520, 32.1795,

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

28.8520, 32.1795, 54.5598

Protanopia

31.8749, 32.0641, 51.5227

Deuteranopia

32.6766, 31.9108, 55.4761



Tritanopia

26.9649, 32.1870, 45.3490

Trichromacy



Original Color

28.8520, 32.1795, 54.5598

Protanomaly

30.7382, 32.1851, 52.7364

Deuteranomaly

31.0085, 31.7836, 54.9526

Tritanomaly

27.6409, 32.2054, 48.4755

Monochromacy



Original Color

28.8520, 32.1795, 54.5598

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.3361, 30.7333, 40.0360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8520, 32.1795, 54.5598 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(114, 159, 192)` looks like.

```
.text, #text, p{  
    color:rgb(114, 159, 192)  
}
```

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(114, 159, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 159, 192) }
```

Border

The CSS property to change the border of an element to XYZ 28.8520, 32.1795, 54.5598 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(114, 159, 192) }
```


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

```
.border{ border-color:rgb(114, 159, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 159, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 159, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 159, 192); box-shadow:4px 4px 4px 4px rgb(114, 159, 192) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8520, 32.1795, 54.5598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 159, 192) }
```

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

```
.background{ background-color: rgb(114,  
159, 192) }
```

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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