

Converting Colors

XYZ(29.0032, 29.9682, 54.6325)

Have a look what the booklet for
XYZ(29.0032, 29.9682, 54.6325)
contains.

XYZ(28.9894, 30.0229, 54.7192)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.9894, 30.0229,
54.7192)**

Conversions

Conversions Part 1

Format	Color
Hex	7D96C1
RGB	125, 150, 193
RGB Percent	49%, 59%, 76%
CMY	0.5098, 0.4118, 0.2431
CMYK	0.35, 0.22, 0.00, 0.24
HSL	218°, 35%, 62%
HSV	218°, 35%, 76%
XYZ	28.9894, 30.0229, 54.7192
YIQ	147.4270, -28.7030, 8.0730

Conversions

Conversions Part 2

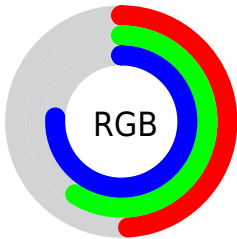
Format	Color
RYB	125, 143, 193
Decimal	8230593
CIELab	61.67, 1.76, -25.09
CIElCh	62, 25.151, 274.023
Yxy	30.0229, 0.2549, 0.2640
Android (android.graphics.Color)	4286420673 (0xFF7D96C1)
YUV	147.4270, 22.4675, -19.6685
Hunter-Lab	54.7932, -1.4491, -20.8548

Details

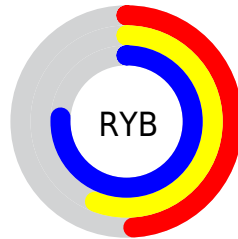
The XYZ color **28.9894, 30.0229, 54.7192** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **39.6972, 40.8239, 25.1905**, and the grayscale version is **27.8290, 29.2783, 31.8841**.

A 20% lighter version of the original color is **57.4386, 59.6716, 98.9329**, and **11.8697, 12.2042, 26.1561** is the 20% darker color. If you saturate the color by 10%, you get **24.5939, 25.0155, 53.9849**, and if you desaturate by 10%, it is **34.1372, 35.7206, 55.5482**.

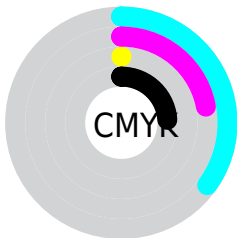
Distribution



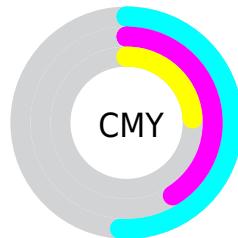
- Red (49%)
- Green (59%)
- Blue (76%)



- Red (49%)
- Yellow (56%)
- Blue (76%)



- Cyan (35%)
- Magenta (22%)
- Yellow (0%)
- Black (24%)



- Cyan (51%)
- Magenta (41%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9894, 30.0229, 54.7192 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 28.9894, 30.0229, 54.7192 by changing the saturation by 10% instead.

■ 28.9894, 30.0229,
54.7192

■ 28.9894, 30.0229,
54.7192

289.1600,
302.0112, 422.0985

■ 19.2170, 19.8560,
38.7799

■ 57.4579, 59.6984,
98.5964

■ 11.9321, 12.2904,
26.2820

■ 76.8848, 79.9757,
127.3714

■ 6.7694, 6.9418,
16.8071

■ 100.2606,
104.3920, 161.2620

■ 3.3633, 3.4257,
9.9365

127.9505,
133.3316, 200.6868

■ 1.3487, 1.3578,
5.2518

160.3201,
167.1790, 246.0643

■ 0.2192, 0.1853,
2.3345

197.7347,

■ 0.0000, 0.0000,

206.3184, 297.8131

0.7504

240.5595,
251.1343, 356.3517

■ 0.0000, 0.0000,
0.0000

■ 28.9894, 30.0229,
54.7192

■ 28.9894, 30.0229,
54.7192

■ 24.5939, 25.0155,
53.9849

■ 34.1372, 35.7206,
55.5482

■ 20.9097, 20.6660,
53.3395

■ 40.0694, 42.1319,
56.4730

■ 17.8962, 16.9447,
52.7801

■ 46.8200, 49.2835,
57.4976

■ 15.5071, 13.8173,
52.3023

■ 54.4199, 57.1992,
58.6250

■ 13.6893, 11.2460,
51.9018

■ 62.8983, 65.9021,
59.8579

■ 12.3792, 9.1863,
51.5733

■ 72.2830, 75.4140,
61.1993

■ 11.8763, 8.3515,
51.4387

■ 80.6981, 84.7751,
62.5626

■ 84.3217, 92.0221,
63.7705

■ 86.6257, 96.6303,
64.5385

Harmonies

Analogous

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



25.8107, 30.0229, 52.1996



28.9894, 30.0229, 54.7192



32.2875, 30.0229, 50.4542

Triad

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



28.9894, 30.0229, 54.7192



34.2047, 30.0229, 23.4296



23.1362, 30.0229, 25.2680

Complementary

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



28.9894, 30.0229, 54.7192



39.6972, 40.8239, 25.1905

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.



25.0867, 30.0229, 19.6776



28.9894, 30.0229, 54.7192



31.4464, 30.0229, 18.7708

Square

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



28.9894, 30.0229, 54.7192



35.4437, 30.0229, 31.4147



28.0871, 30.0229, 17.5443



22.5894, 30.0229, 33.9990

Rectangle

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



28.9894, 30.0229, 54.7192



34.0629, 30.0229, 44.7473



28.0871, 30.0229, 17.5443



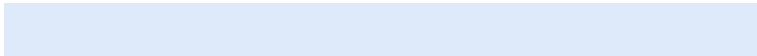
23.6416, 30.0229, 23.0198

Sweetspot

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



28.9904, 30.0241, 54.7199



76.4924, 80.4955, 101.8659



34.4971, 45.2882, 43.4510



16.0632, 16.9003, 21.8008



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.



28.9904, 30.0241, 54.7199



45.9496, 46.9966, 97.0097



26.6225, 23.4996, 53.5853



9.8248, 10.3409, 12.7630



7.9695, 5.6954, 34.2359



0.4104, 0.3782, 1.5012

Inverse Universe

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



34.8318, 28.2076, 32.4641



58.1076, 43.9796, 50.5161



42.7960, 49.9438, 26.7875



10.2229, 10.1378, 11.2642



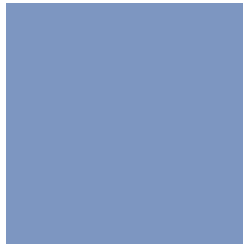
15.4186, 7.8572, 4.8503



0.6995, 0.3528, 0.3851

Previews

White Background



This preview shows how the XYZ color 28.9894, 30.0229, 54.7192 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 28.9894, 30.0229, 54.7192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

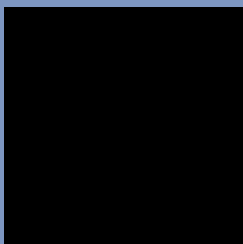
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.9894, 30.0229, 54.7192

Background



This preview shows how black text looks on a background with the XYZ color 28.9894, 30.0229, 54.7192.



This preview shows how white text looks on a background with the XYZ color 28.9894, 30.0229,

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

28.9894, 30.0229, 54.7192

Protanopia

30.1542, 29.9474, 53.4813

Deuteranopia

30.6639, 29.9418, 55.2021



Tritanopia

26.3041, 30.1546, 40.9933

Trichromacy



Original Color

28.9894, 30.0229, 54.7192

Protanomaly

29.7772, 29.9721, 54.0849

Deuteranomaly

30.0028, 29.8308, 55.2155

Tritanomaly

27.1129, 29.9820, 45.4324

Monochromacy



Original Color

28.9894, 30.0229, 54.7192

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.9382, 29.3491, 39.3144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9894, 30.0229, 54.7192 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(125, 150, 193)` looks like.

```
.text, #text, p{  
    color:rgb(125, 150, 193)  
}
```

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(125, 150, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 150, 193) }
```

Border

The CSS property to change the border of an element to XYZ 28.9894, 30.0229, 54.7192 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(125, 150, 193) }
```


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

```
.border{ border-color:rgb(125, 150, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 150, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 150, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 150, 193);  
box-shadow:4px 4px 4px 4px rgb(125, 150,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9894, 30.0229, 54.7192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 150, 193) }
```

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

```
.background{ background-color: rgb(125,  
150, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor