

Converting Colors

XYZ(27.2237, 28.8894, 52.0117)

Have a look what the booklet for
XYZ(27.2237, 28.8894, 52.0117)
contains.

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Color

**XYZ(27.2689, 28.9509,
52.2950)**

Conversions

Conversions Part 1

Format	Color
Hex	7595BD
RGB	117, 149, 189
RGB Percent	46%, 58%, 74%
CMY	0.5412, 0.4157, 0.2588
CMYK	0.38, 0.21, 0.00, 0.26
HSL	213°, 35%, 60%
HSV	213°, 38%, 74%
XYZ	27.2689, 28.9509, 52.2950
YIQ	143.9920, -31.9120, 5.6560

Conversions

Conversions Part 2

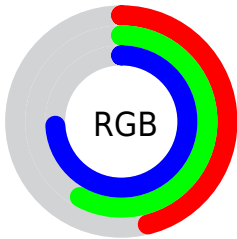
Format	Color
RYB	117, 139, 189
Decimal	7706045
CIELab	60.74, -1.00, -24.32
CIElCh	61, 24.339, 267.652
Yxy	28.9509, 0.2513, 0.2668
Android (android.graphics.Color)	4285896125 (0xFF7595BD)
YUV	143.9920, 22.1889, -23.6720
Hunter-Lab	53.8060, -3.6968, -19.9607

Details

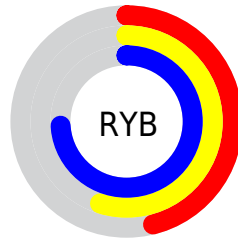
The XYZ color **27.2689, 28.9509, 52.2950** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **36.2549, 36.2180, 21.9106**, and the grayscale version is **26.4295, 27.8059, 30.2806**.

A 20% lighter version of the original color is **54.6320, 57.9624, 94.6946**, and **10.9916, 11.6368, 24.9594** is the 20% darker color. If you saturate the color by 10%, you get **23.3943, 24.5981, 51.6596**, and if you desaturate by 10%, it is **31.8078, 33.8698, 53.0057**.

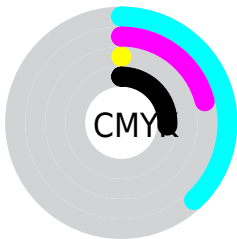
Distribution



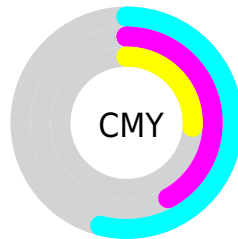
- Red (46%)
- Green (58%)
- Blue (74%)



- Red (46%)
- Yellow (55%)
- Blue (74%)



- Cyan (38%)
- Magenta (21%)
- Yellow (0%)
- Black (26%)



- Cyan (54%)
- Magenta (42%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2689, 28.9509, 52.2950 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 27.2689, 28.9509, 52.2950 by changing the saturation by 10% instead.

■ 27.2689, 28.9509,
52.2950

■ 27.2689, 28.9509,
52.2950

281.1006,
296.9832, 412.5637

■ 17.9129, 19.0437,
36.8564

■ 54.7319, 57.9991,
94.9972

■ 10.9868, 11.7018,
24.8014

■ 73.5696, 77.9088,
123.0978

■ 6.1252, 6.5410,
15.7115

■ 96.2987, 101.9215,
156.2562

■ 2.9627, 3.1767,
9.1681

123.2843,
130.4216, 194.8910

■ 1.1341, 1.2247,
4.7527

154.8920,
163.7934, 239.4205

■ 0.0533, 0.0817,
2.0467

191.4870,

■ 0.0000, 0.0000,

202.4213, 290.2635

0.5838

233.4348,
246.6898, 347.8384

■ 0.0000, 0.0000,
0.0000

■ 27.2689, 28.9509,
52.2950

■ 27.2689, 28.9509,
52.2950

■ 23.3943, 24.5981,
51.6596

■ 31.8078, 33.8698,
53.0057

■ 20.1463, 20.7842,
51.0946

■ 37.0405, 39.3737,
53.7923

■ 17.4873, 17.4843,
50.5978

■ 42.9980, 45.4847,
54.6578

■ 15.3740, 14.6698,
50.1659

■ 49.7082, 52.2224,
55.6047

■ 13.7564, 12.3082,
49.7953

■ 57.1980, 59.6056,
56.6350

■ 12.5585, 10.3534,
49.4812

■ 65.4925, 67.6524,
57.7510

■ 12.3558, 10.0149,
49.4265

■ 74.6158, 76.3798,
58.9548

■ 79.5651, 83.2135,
60.0129

■ 82.6266, 89.3366,
61.0335

Harmonies

Analogous

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



24.3931, 28.9509, 48.6218



27.2689, 28.9509, 52.2950



30.4335, 28.9509, 49.5793

Triad

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



27.2689, 28.9509, 52.2950



33.2558, 28.9509, 24.1185



22.6977, 28.9509, 23.1007

Complementary

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



27.2689, 28.9509, 52.2950



36.2549, 36.2180, 21.9106

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.



24.7930, 28.9509, 18.4877



27.2689, 28.9509, 52.2950



30.8967, 28.9509, 18.9915

Square

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



27.2689, 28.9509, 52.2950



34.0433, 28.9509, 32.2406



27.7665, 28.9509, 17.1399



21.8830, 28.9509, 30.8154

Rectangle

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



27.2689, 28.9509, 52.2950



32.2549, 28.9509, 44.7534



27.7665, 28.9509, 17.1399



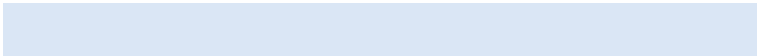
23.2673, 28.9509, 21.1961

Sweetspot

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



27.2699, 28.9520, 52.2957



73.5784, 77.9707, 97.3981



31.5863, 42.5985, 38.2780



15.5075, 16.4448, 20.8994



90.7827, 95.5105, 104.0109



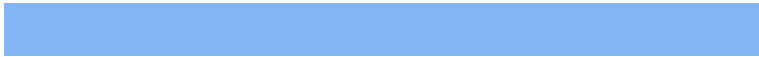
18.6292, 19.5994, 21.3438

Same Dimension

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



27.2699, 28.9520, 52.2957



42.7739, 45.0558, 92.6684



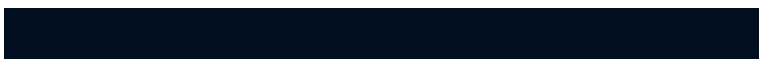
23.3768, 20.4339, 50.8567



9.3561, 9.9046, 12.0909



8.3871, 6.8859, 33.2800



0.3938, 0.4003, 1.3254

Inverse Universe

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



32.7732, 25.7123, 31.6705



54.3321, 39.3185, 49.1119



41.5134, 48.0443, 23.9162



9.7016, 9.6049, 10.8177



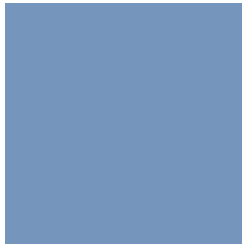
15.2342, 7.7248, 6.5268



0.6297, 0.3158, 0.4291

Previews

White Background



This preview shows how the XYZ color 27.2689, 28.9509, 52.2950 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 27.2689, 28.9509, 52.2950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

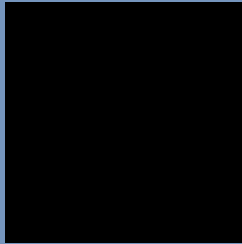
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

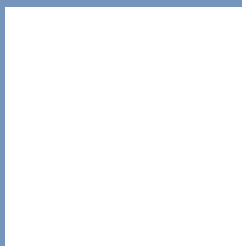
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2689, 28.9509, 52.2950

Background



This preview shows how black text looks on a background with the XYZ color 27.2689, 28.9509, 52.2950.

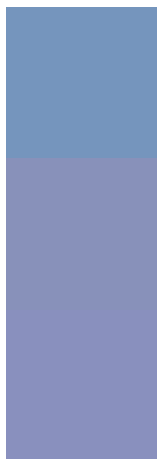


This preview shows how white text looks on a background with the XYZ color 27.2689, 28.9509,

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

27.2689, 28.9509, 52.2950

Protanopia

29.1417, 29.0302, 50.5218

Deuteranopia

29.5841, 28.9826, 52.7501



Tritanopia

24.7383, 28.8786, 39.8676

Trichromacy



Original Color

27.2689, 28.9509, 52.2950

Protanomaly

28.3018, 28.8128, 51.0835

Deuteranomaly

28.7791, 29.0213, 52.8000

Tritanomaly

25.6783, 29.0232, 44.2930

Monochromacy



Original Color

27.2689, 28.9509, 52.2950

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.4556, 28.1642, 37.2996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2689, 28.9509, 52.2950 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(117, 149, 189)` looks like.

```
.text, #text, p{  
    color:rgb(117, 149, 189)  
}
```

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(117, 149, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 149, 189) }
```

Border

The CSS property to change the border of an element to XYZ 27.2689, 28.9509, 52.2950 is called "border". The border property can be set on classes, ids or directly on the HTML element.

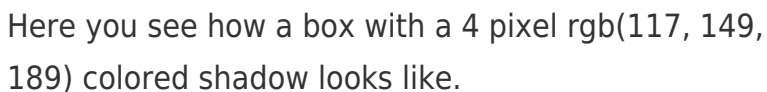
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 149, 189) }
```


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

```
.border{ border-color:rgb(117, 149, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 149, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 149, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 149, 189); box-shadow:4px 4px 4px 4px rgb(117, 149, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2689, 28.9509, 52.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 149, 189) }
```

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

```
.background{ background-color: rgb(117,  
149, 189) }
```

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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