

Converting Colors

XYZ(27.9804, 27.1144, 56.4503)

Have a look what the booklet for
XYZ(27.9804, 27.1144, 56.4503)
contains.

XYZ(28.0603, 27.2230, 56.5990)	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(28.0603, 27.2230,
56.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8CC5
RGB	126, 140, 197
RGB Percent	49%, 55%, 77%
CMY	0.5059, 0.4510, 0.2274
CMYK	0.36, 0.29, 0.00, 0.23
HSL	228°, 38%, 63%
HSV	228°, 36%, 77%
XYZ	28.0603, 27.2230, 56.5990
YIQ	142.3120, -26.6410, 14.7590

Conversions

Conversions Part 2

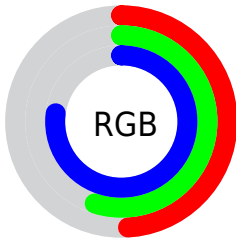
Format	Color
R_{YB}	126, 138, 197
Decimal	8293573
CIE Lab	59.18, 8.88, -31.19
CIE LCh	59, 32.428, 285.891
Yxy	27.2230, 0.2508, 0.2433
Android (android.graphics.Color)	4286483653 (0xFF7E8CC5)
YUV	142.3120, 26.9612, -14.3056
Hunter-Lab	52.1757, 4.6907, -27.7935

Details

The XYZ color **28.0603, 27.2230, 56.5990** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.7260, 47.2444, 26.5541**, and the grayscale version is **25.7395, 27.0800, 29.4901**.

A 20% lighter version of the original color is **56.0154, 55.1194, 101.4527**, and **11.4381, 10.7513, 27.4590** is the 20% darker color. If you saturate the color by 10%, you get **23.2892, 21.5763, 55.7610**, and if you desaturate by 10%, it is **33.7375, 33.8310, 57.5757**.

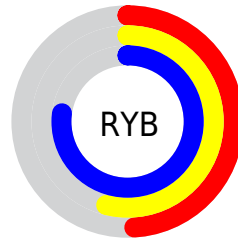
Distribution



Red (49%)

Green (55%)

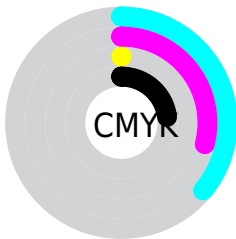
Blue (77%)



Red (49%)

Yellow (54%)

Blue (77%)

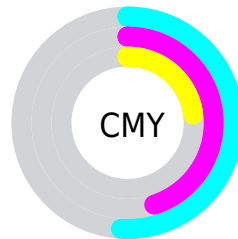


Cyan (36%)

Magenta (29%)

Yellow (0%)

Black (23%)



Cyan (51%)

Magenta (45%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0603, 27.2230, 56.5990 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 28.0603, 27.2230, 56.5990 by changing the saturation by 10% instead.

■ 28.0603, 27.2230,
56.5990

■ 28.0603, 27.2230,
56.5990

284.8298,
288.7352, 429.3966

■ 18.5118, 17.7408,
40.2762

■ 55.9887, 55.2415,
101.3744

■ 11.4200, 10.7640,
27.4385

■ 75.0993, 74.5466,
130.6640

■ 6.4194, 5.9084,
17.6675

■ 98.1279, 97.8947,
165.1129

■ 3.1448, 2.7895,
10.5446

125.4400,
125.6703, 205.1397

■ 1.2308, 1.0228,
5.6512

157.4009,
158.2578, 251.1630

■ 0.1305, 0.0000,
2.5688

194.3759,

■ 0.0000, 0.0000,

196.0415, 303.6012

0.8763

236.7304,
239.4058, 362.8728

■ 0.0000, 0.0000,
0.0000

■ 28.0603, 27.2230,
56.5990

■ 28.0603, 27.2230,
56.5990

■ 23.2892, 21.5763,
55.7610

■ 33.7375, 33.8310,
57.5757

■ 19.3735, 16.8421,
55.0536

■ 40.3621, 41.4397,
58.6952

■ 16.2617, 12.9721,
54.4706

■ 47.9764, 50.0900,
59.9636

■ 13.8956, 9.9119,
54.0047

■ 56.6193, 59.8195,
61.3860

■ 12.2083, 7.6007,
53.6475

■ 66.3274, 70.6641,
62.9676

■ 11.1184, 5.9667,
53.3896

■ 77.1356, 82.6579,
64.7129

■ 10.7986, 5.4722,
53.3109

■ 85.7253, 94.1055,
66.4698

■ 87.0781, 96.8113,
66.9208

Harmonies

Analogous

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



24.0268, 27.2230, 56.8749



28.0603, 27.2230, 56.5990



31.8624, 27.2230, 47.9784

Triad

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



28.0603, 27.2230, 56.5990



31.6667, 27.2230, 16.3654



19.0486, 27.2230, 24.5421

Complementary

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



28.0603, 27.2230, 56.5990



43.7260, 47.2444, 26.5541

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.



20.6884, 27.2230, 16.6967



28.0603, 27.2230, 56.5990



27.8148, 27.2230, 12.8772

Square

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



28.0603, 27.2230, 56.5990



34.0878, 27.2230, 23.9578



23.8055, 27.2230, 12.9801



19.0996, 27.2230, 36.1591

Rectangle

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



28.0603, 27.2230, 56.5990



33.6323, 27.2230, 39.6888



23.8055, 27.2230, 12.9801



19.4123, 27.2230, 21.4509

Sweetspot

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



28.0612, 27.2240, 56.5996



78.7050, 81.5272, 106.1959



37.0977, 47.7794, 51.9585



16.4487, 16.9983, 22.6640



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.



28.0612, 27.2240, 56.5996



43.6023, 40.8985, 100.2038



29.6263, 25.1848, 56.1235



10.2232, 10.6205, 13.4286



7.1502, 3.6943, 35.0806



0.3903, 0.2784, 1.6783

Inverse Universe

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



35.2212, 28.6864, 28.4926



58.3914, 44.4069, 42.0391



41.5696, 50.6347, 27.3222



10.7179, 10.6706, 11.4980



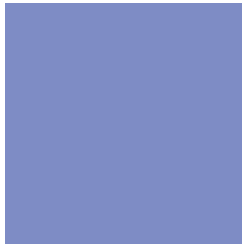
15.4084, 7.9129, 2.0946



0.7557, 0.3851, 0.2367

Previews

White Background



This preview shows how the XYZ color 28.0603, 27.2230, 56.5990 looks on a white background.

Color Contrast Check

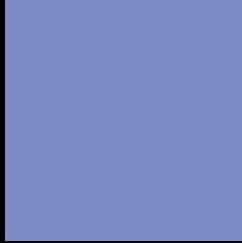
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0603, 27.2230, 56.5990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

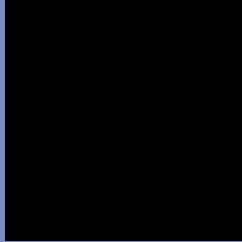
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.0603, 27.2230, 56.5990

Background



This preview shows how black text looks on a background with the XYZ color 28.0603, 27.2230, 56.5990.



This preview shows how white text looks on a background with the XYZ color 28.0603, 27.2230,

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

28.0603, 27.2230, 56.5990

Protanopia

27.9136, 27.1474, 56.5921

Deuteranopia

27.7683, 27.0725, 56.5853



Tritanopia

24.0278, 27.1525, 36.7755

Trichromacy



Original Color

28.0603, 27.2230, 56.5990

Protanomaly

27.9136, 27.1474, 56.5921

Deuteranomaly

27.9136, 27.1474, 56.5921

Tritanomaly

25.2618, 26.9567, 43.4069

Monochromacy



Original Color

28.0603, 27.2230, 56.5990

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.1998, 26.8926, 37.9923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0603, 27.2230, 56.5990 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(126, 140, 197)` looks like.

```
.text, #text, p{  
    color:rgb(126, 140, 197)  
}
```

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(126, 140, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 140, 197) }
```

Border

The CSS property to change the border of an element to XYZ 28.0603, 27.2230, 56.5990 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(126, 140, 197) }
```


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

```
.border{ border-color:rgb(126, 140, 197) }
```

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

Here you see how a box with a 4 pixel rgb(126, 140, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 140, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 140, 197);  
box-shadow:4px 4px 4px 4px rgb(126, 140,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0603, 27.2230, 56.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 140, 197) }
```

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

```
.background{ background-color: rgb(126,  
140, 197) }
```

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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