

Converting Colors

XYZ(25.6652, 28.5777, 57.0583)

Have a look what the booklet for
XYZ(25.6652, 28.5777, 57.0583)
contains.

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Color

**XYZ(25.5583, 28.4397,
56.9657)**

Conversions

Conversions Part 1

Format	Color
Hex	5C97C5
RGB	92, 151, 197
RGB Percent	36%, 59%, 77%
CMY	0.6392, 0.4078, 0.2274
CMYK	0.53, 0.23, 0.00, 0.23
HSL	206°, 48%, 57%
HSV	206°, 53%, 77%
XYZ	25.5583, 28.4397, 56.9657
YIQ	138.6030, -49.9300, 1.7980

Conversions

Conversions Part 2

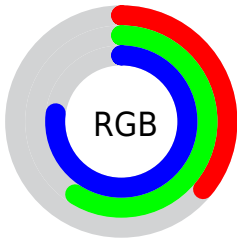
Format	Color
R_{YB}	92, 130, 197
Decimal	6068165
CIE _{Lab}	60.28, -6.08, -29.63
CIE _{LCh}	60, 30.251, 258.398
Yxy	28.4397, 0.2303, 0.2563
Android (android.graphics.Color)	4284258245 (0xFF5C97C5)
YUV	138.6030, 28.7897, -40.8708
Hunter-Lab	53.3289, -7.7780, -26.0031

Details

The XYZ color **25.5583, 28.4397, 56.9657** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **34.0473, 30.8214, 14.2811**, and the grayscale version is **24.2958, 25.5611, 27.8360**.

A 20% lighter version of the original color is **51.9335, 57.1143, 102.0529**, and **10.0218, 11.3587, 27.6508** is the 20% darker color. If you saturate the color by 10%, you get **22.5018, 24.8775, 56.4398**, and if you desaturate by 10%, it is **29.2301, 32.4712, 57.5509**.

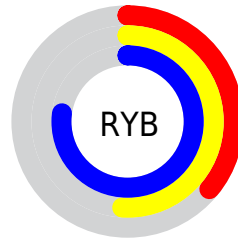
Distribution



Red (36%)

Green (59%)

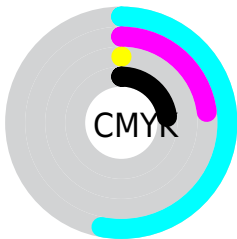
Blue (77%)



Red (36%)

Yellow (51%)

Blue (77%)

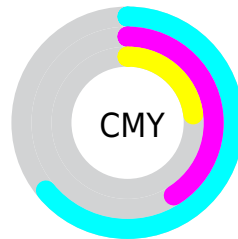


Cyan (53%)

Magenta (23%)

Yellow (0%)

Black (23%)



Cyan (64%)

Magenta (41%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5583, 28.4397, 56.9657 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 25.5583, 28.4397, 56.9657 by changing the saturation by 10% instead.

■ 25.5583, 28.4397,
56.9657

■ 25.5583, 28.4397,
56.9657

272.9037,
294.5620, 430.8109

■ 16.6244, 18.6574,
40.5685

■ 51.9979, 57.1857,
101.9150

■ 10.0607, 11.4230,
27.6649

■ 70.2344, 76.9181,
131.3042

■ 5.5018, 6.3521,
17.8364

■ 92.3024, 100.7361,
165.8611

■ 2.5823, 3.0603,
10.6644

■ 118.5674,
129.0239, 206.0043

■ 0.9370, 1.1633,
5.7303

149.3946,
162.1660, 252.1524

■ 0.0000, 0.0314,
2.6157

185.1495,

■ 0.0000, 0.0000,

200.5468, 304.7238

0.9005

226.1974,
244.5507, 364.1371

■ 0.0000, 0.0000,
0.0000

■ 25.5583, 28.4397,
56.9657

■ 25.5583, 28.4397,
56.9657

■ 22.5018, 24.8775,
56.4398

■ 29.2301, 32.4712,
57.5509

■ 20.0150, 21.7561,
55.9683

■ 33.5525, 36.9916,
58.1956

■ 18.0499, 19.0481,
55.5492

■ 38.5615, 42.0231,
58.9028

■ 16.5480, 16.7200,
55.1790

■ 44.2894, 47.5853,
59.6745

■ 15.7293, 15.3335,
54.9545

■ 50.7663, 53.6965,
60.5127

■ 58.0206, 60.3741,
61.4192

■ 66.0791, 67.6346,
62.3959

■ 74.9672, 75.4939,
63.4445

■ 79.2485, 81.1519,
64.3109

Harmonies

Analogous

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



22.3741, 28.4397, 49.8489



25.5583, 28.4397, 56.9657



29.4548, 28.4397, 55.9870

Triad

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



25.5583, 28.4397, 56.9657



34.7463, 28.4397, 24.7000



21.8272, 28.4397, 18.8358

Complementary

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



25.5583, 28.4397, 56.9657



34.0473, 30.8214, 14.2811

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.



24.7441, 28.4397, 14.7945



25.5583, 28.4397, 56.9657



32.2933, 28.4397, 17.5790

Square

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



25.5583, 28.4397, 56.9657



35.0176, 28.4397, 35.4648



28.5594, 28.4397, 14.3974



20.3618, 28.4397, 26.8647

Rectangle

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



25.5583, 28.4397, 56.9657



31.9349, 28.4397, 50.9109



28.5594, 28.4397, 14.3974



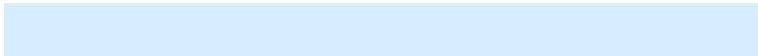
22.6569, 28.4397, 17.0578

Sweetspot

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



25.5593, 28.4407, 56.9664



76.1605, 82.1873, 106.4574



28.9322, 44.0292, 30.8303



15.8367, 17.1415, 22.7239



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.



25.5593, 28.4407, 56.9664



39.4808, 43.5593, 100.9347



18.9547, 15.2315, 54.7649



10.5428, 11.2596, 13.5351



10.4301, 10.2542, 36.1739



0.5651, 0.6280, 1.7366

Inverse Universe

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



32.4399, 21.7601, 31.7694



53.6494, 32.3195, 48.4846



43.3719, 49.4707, 17.3893



10.8792, 10.7351, 12.3473



17.0640, 8.5752, 10.8127



0.8439, 0.4204, 0.7013

Previews

White Background



This preview shows how the XYZ color 25.5583, 28.4397, 56.9657 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 25.5583, 28.4397, 56.9657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

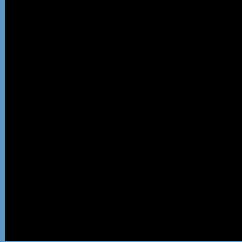
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5583, 28.4397, 56.9657

Background



This preview shows how black text looks on a background with the XYZ color 25.5583, 28.4397, 56.9657.

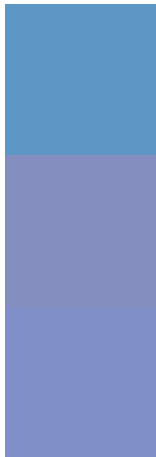


This preview shows how white text looks on a background with the XYZ color 25.5583, 28.4397,

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

25.5583, 28.4397, 56.9657

Protanopia

28.7422, 28.3120, 53.2401

Deuteranopia

29.0334, 28.3576, 57.9762



Tritanopia

22.5296, 28.4353, 41.8373

Trichromacy



Original Color

25.5583, 28.4397, 56.9657

Protanomaly

27.2406, 28.1899, 54.4575

Deuteranomaly

27.5422, 28.2798, 57.4330

Tritanomaly

23.5300, 28.3443, 46.8787

Monochromacy



Original Color

25.5583, 28.4397, 56.9657

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.1937, 26.3206, 37.0629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5583, 28.4397, 56.9657 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(92, 151, 197)` looks like.

```
.text, #text, p{  
    color:rgb(92, 151, 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(92, 151, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 151, 197) }
```

Border

The CSS property to change the border of an element to XYZ 25.5583, 28.4397, 56.9657 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(92, 151, 197) }
```


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

```
.border{ border-color:rgb(92, 151, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 151, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 151, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 151, 197);  
box-shadow:4px 4px 4px 4px rgb(92, 151,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5583, 28.4397, 56.9657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 151, 197) }
```

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

```
.background{ background-color: rgb(92, 151,  
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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