

Converting Colors

XYZ(25.8611, 25.5857, 82.1969)

Have a look what the booklet for
XYZ(25.8611, 25.5857, 82.1969)
contains.

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Color

**XYZ(25.7897, 25.4844,
82.1570)**

Conversions

Conversions Part 1

Format	Color
Hex	348CEB
RGB	52, 140, 235
RGB Percent	20%, 55%, 92%
CMY	0.7960, 0.4510, 0.0784
CMYK	0.78, 0.40, 0.00, 0.08
HSL	211°, 82%, 56%
HSV	211°, 78%, 92%
XYZ	25.7897, 25.4844, 82.1570
YIQ	124.5180, -82.9430, 10.8890

Conversions

Conversions Part 2

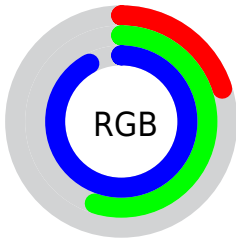
Format	Color
R _Y B	52, 111, 235
Decimal	3443947
CIE Lab	57.54, 6.70, -55.28
CIE LCh	58, 55.682, 276.907
Yxy	25.4844, 0.1933, 0.1910
Android (android.graphics.Color)	4281634027 (0xFF348CEB)
YUV	124.5180, 54.4676, -63.5983
Hunter-Lab	50.4821, 2.8464, -61.1540

Details

The XYZ color **25.7897, 25.4844, 82.1570** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **45.3176, 38.7828, 8.3480**, and the grayscale version is **19.1764, 20.1751, 21.9707**.

A 20% lighter version of the original color is **45.4321, 49.6450, 101.7957**, and **11.8778, 10.7368, 44.0942** is the 20% darker color. If you saturate the color by 10%, you get **23.1818, 21.6388, 81.5527**, and if you desaturate by 10%, it is **29.1987, 30.0369, 82.8566**.

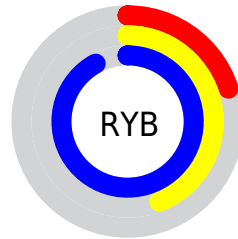
Distribution



Red (20%)

Green (55%)

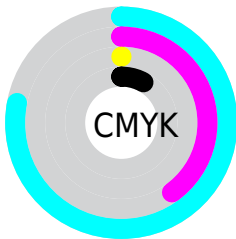
Blue (92%)



Red (20%)

Yellow (44%)

Blue (92%)

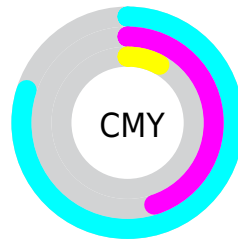


Cyan (78%)

Magenta (40%)

Yellow (0%)

Black (8%)



Cyan (80%)

Magenta (45%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7897, 25.4844, 82.1570 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 25.7897, 25.4844, 82.1570 by changing the saturation by 10% instead.

■ 25.7897, 25.4844,
82.1570

■ 25.7897, 25.4844,
82.1570

274.0239,
280.2418, 522.0699

■ 16.7982, 16.4383,
60.9584

■ 52.3692, 52.4420,
138.2328

■ 10.1852, 9.8348,
43.7612

■ 70.6880, 71.1223,
173.9471

■ 5.5851, 5.2896,
30.1470

■ 92.8465, 93.7827,
215.3370

■ 2.6327, 2.4182,
19.6972

■ 119.2102,
120.8078, 262.8211

■ 0.9627, 0.8352,
11.9933

■ 150.1445,
152.5818, 316.8179

■ 0.0000, 0.0000,
6.6166

186.0146,

■ 0.0000, 0.0000,

189.4892, 377.7459

3.1487

227.1859,
231.9144, 446.0237

■ 0.0000, 0.0000,
1.1711

■ 0.0000, 0.0000,
0.0000

■ 25.7897, 25.4844,
82.1570

■ 25.7897, 25.4844,
82.1570

■ 23.1818, 21.6388,
81.5527

■ 29.1987, 30.0369,
82.8566

■ 21.2577, 18.4294,
81.0347

■ 33.4904, 35.3468,
83.6553

■ 20.9002, 17.8076,
80.9335

■ 38.7386, 41.4611,
84.5589

■ 45.0078, 48.4212,
85.5719

■ 52.3562, 56.2654,
86.6987

■ 60.8377, 65.0290,
87.9432

■ 70.5020, 74.7453,
89.3093

■ 81.3960, 85.4457,
90.8005

■ 90.3607, 95.5086,
92.2703

Harmonies

Analogous

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



19.5527, 25.4844, 76.7855



25.7897, 25.4844, 82.1570



32.7240, 25.4844, 68.4430

Triad

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



25.7897, 25.4844, 82.1570



35.9290, 25.4844, 11.0763



14.2759, 25.4844, 15.7380

Complementary

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



25.7897, 25.4844, 82.1570



45.3176, 38.7828, 8.3480

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.



17.3373, 25.4844, 7.5806



25.7897, 25.4844, 82.1570



29.5814, 25.4844, 5.8763

Square

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



25.7897, 25.4844, 82.1570



39.2315, 25.4844, 23.5804



22.7195, 25.4844, 4.9797



13.6320, 25.4844, 32.3802

Rectangle

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



25.7897, 25.4844, 82.1570



36.5664, 25.4844, 52.8754



22.7195, 25.4844, 4.9797



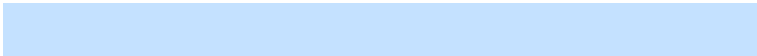
15.0252, 25.4844, 12.1920

Sweetspot

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



25.7908, 25.4852, 82.1577



67.7100, 72.6106, 105.0543



36.3574, 62.2403, 37.5197



13.7221, 14.7404, 22.3719



0.0000, 0.0000, 0.0000



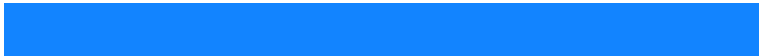
20.3446, 21.4041, 23.3091

Same Dimension

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



25.7908, 25.4852, 82.1577



26.5316, 23.8170, 97.8065



17.8034, 9.2697, 79.4488



14.8288, 15.7441, 19.1796



11.7582, 10.1635, 45.0850



1.0192, 0.9898, 3.5722

Inverse Universe

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



40.2236, 22.0132, 26.9403



45.6105, 23.3504, 23.8897



63.5916, 76.8128, 14.7254



15.3672, 15.1747, 17.2187



20.7903, 10.5188, 9.9631



1.6809, 0.8453, 1.0372

Previews

White Background



This preview shows how the XYZ color 25.7897, 25.4844, 82.1570 looks on a white background.

Color Contrast Check

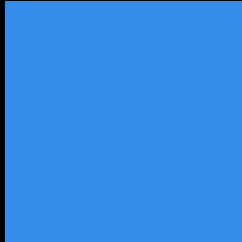
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7897, 25.4844, 82.1570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

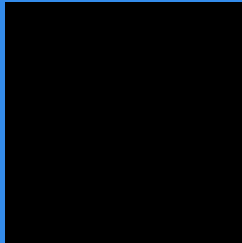
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

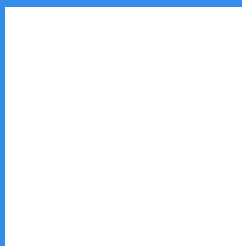
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7897, 25.4844, 82.1570

Background



This preview shows how black text looks on a background with the XYZ color 25.7897, 25.4844, 82.1570.



This preview shows how white text looks on a background with the XYZ color 25.7897, 25.4844,

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

25.7897, 25.4844, 82.1570

Protanopia

27.7050, 25.3040, 77.5527

Deuteranopia

26.2779, 25.5202, 82.1382



Tritanopia

18.0921, 25.4628, 39.0832

Trichromacy



Original Color

25.7897, 25.4844, 82.1570

Protanomaly

26.6213, 25.1272, 79.0482

Deuteranomaly

26.0316, 25.3932, 82.1266

Tritanomaly

20.1527, 25.0360, 52.4855

Monochromacy



Original Color

25.7897, 25.4844, 82.1570

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.8112, 21.2785, 38.6603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7897, 25.4844, 82.1570 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(52, 140, 235)` looks like.

```
.text, #text, p{  
    color:rgb(52, 140, 235)  
}
```

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(52, 140, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 140, 235) }
```

Border

The CSS property to change the border of an element to XYZ 25.7897, 25.4844, 82.1570 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(52, 140, 235) }
```


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

```
.border{ border-color:rgb(52, 140, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 140, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 140, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 140, 235);  
box-shadow:4px 4px 4px 4px rgb(52, 140,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7897, 25.4844, 82.1570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 140, 235) }
```

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

```
.background{ background-color: rgb(52, 140,  
235) }
```

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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