

Converting Colors

XYZ(28.6039, 25.7154, 98.6292)

Have a look what the booklet for
XYZ(28.6039, 25.7154, 98.6292)
contains.

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Color

**XYZ(28.4850, 25.6691,
98.0610)**

Conversions

Conversions Part 1

Format	Color
Hex	3888FF
RGB	56, 136, 255
RGB Percent	22%, 53%, 100%
CMY	0.7803, 0.4667, 0.0000
CMYK	0.78, 0.47, 0.00, 0.00
HSL	216°, 100%, 61%
HSV	216°, 78%, 100%
XYZ	28.4850, 25.6691, 98.0610
YIQ	125.6460, -85.8790, 20.0490

Conversions

Conversions Part 2

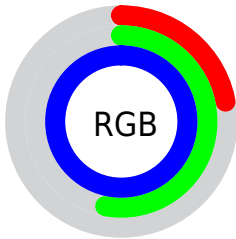
Format	Color
R _Y B	56, 113, 255
Decimal	3705087
CIE Lab	57.72, 16.84, -66.04
CIE LCh	58, 68.148, 284.304
Yxy	25.6691, 0.1871, 0.1686
Android (android.graphics.Color)	4281895167 (0xFF3888FF)
YUV	125.6460, 63.7715, -61.0795
Hunter-Lab	50.6647, 11.6941, -79.2899

Details

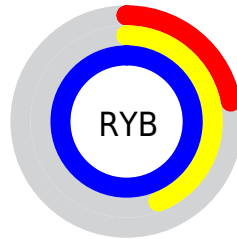
The XYZ color **28.4850, 25.6691, 98.0610** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **57.2870, 52.2113, 10.8018**, and the grayscale version is **19.5248, 20.5416, 22.3698**.

A 20% lighter version of the original color is **45.4535, 48.3610, 101.5467**, and **13.4862, 10.8476, 54.2063** is the 20% darker color. If you saturate the color by 10%, you get **25.4078, 21.1182, 97.3448**, and if you desaturate by 10%, it is **32.5947, 31.2062, 98.9132**.

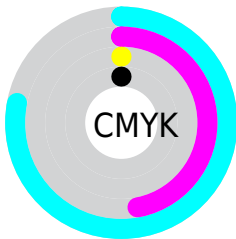
Distribution



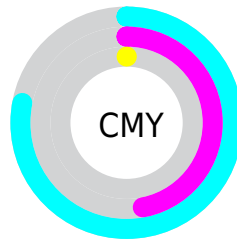
- Red (22%)
- Green (53%)
- Blue (100%)



- Red (22%)
- Yellow (44%)
- Blue (100%)



- Cyan (78%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)





- Cyan (78%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.4850, 25.6691, 98.0610 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 28.4850, 25.6691, 98.0610 by changing the saturation by 10% instead.

 28.4850, 25.6691,
98.0610


 28.4850, 25.6691,
98.0610

286.8155,
281.1539, 575.1515


 18.8339, 16.5763,
74.0744


 56.6611, 52.7406,
160.5186


 11.6536, 9.9328,
54.3577


 75.9168, 71.4881,
199.8265

 6.5788, 5.3544,
38.4926


 99.1047, 94.2226,
245.0787

 3.2441, 2.4567,
26.0605

 126.5903,
121.3285, 296.6936

 1.2841, 0.8548,
16.6427

158.7387,
153.1902, 355.0898

 0.1713, 0.0000,
9.8208

195.9155,

 0.0000, 0.0000,

190.1920, 420.6859

5.1763

238.4860,
232.7185, 493.9002

■ 0.0000, 0.0000,
2.2905

■ 0.0000, 0.0000,
0.7259

■ 28.4850, 25.6691,
98.0610

■ 28.4850, 25.6691,
98.0610

■ 25.4078, 21.1182,
97.3448

■ 32.5947, 31.2062,
98.9132

■ 23.2156, 17.4579,
96.7539

■ 37.8427, 37.8016,
99.9096

■ 22.8508, 16.8217,
96.6503

■ 44.3234, 45.5210,
101.0581

■ 52.1199, 54.4233,
102.3655

■ 61.3073, 64.5627,
103.8383

■ 71.9549, 75.9896,
105.4828

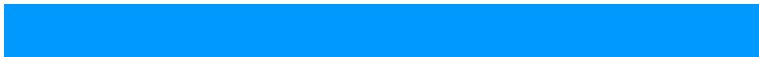
■ 84.1269, 88.7513,
107.3045

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



20.3928, 25.6691, 97.4097



28.4850, 25.6691, 98.0610



37.0858, 25.6691, 74.0439

Triad

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



28.4850, 25.6691, 98.0610



37.4434, 25.6691, 6.8406



12.1913, 25.6691, 17.4662

Complementary

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



28.4850, 25.6691, 98.0610



57.2870, 52.2113, 10.8018

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.



14.9942, 25.6691, 6.5428



28.4850, 25.6691, 98.0610



28.8954, 25.6691, 3.1658

Square

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



28.4850, 25.6691, 98.0610



42.9879, 25.6691, 18.2488



20.7214, 25.6691, 3.1001



12.1293, 25.6691, 40.5923

Rectangle

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



28.4850, 25.6691, 98.0610



41.4519, 25.6691, 52.3242



20.7214, 25.6691, 3.1001



12.8105, 25.6691, 12.6372

Sweetspot

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



28.4861, 25.6698, 98.0611



66.4797, 70.1500, 104.6442



44.8468, 75.3432, 51.2540



13.4267, 14.1495, 22.2734



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.



28.4861, 25.6698, 98.0611



24.0077, 18.8357, 96.9781



22.1822, 11.4507, 95.6488



17.6023, 18.5762, 22.9078



12.0768, 9.0631, 50.5474



1.2795, 1.0896, 4.9562

Inverse Universe

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



47.0989, 25.8675, 25.8034



44.3204, 22.7723, 17.2873



71.8746, 90.0553, 17.3376



18.3119, 18.1081, 20.2596



22.8840, 11.6429, 8.0395



2.2804, 1.1545, 1.0581

Previews

White Background



This preview shows how the XYZ color 28.4850, 25.6691, 98.0610 looks on a white background.

Color Contrast Check

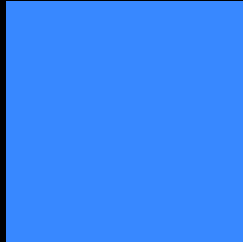
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4850, 25.6691, 98.0610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

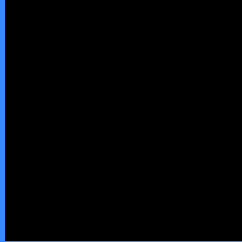
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

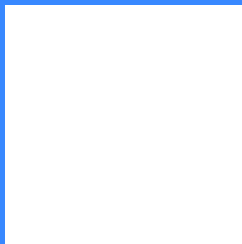
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.4850, 25.6691, 98.0610

Background



This preview shows how black text looks on a background with the XYZ color 28.4850, 25.6691, 98.0610.



This preview shows how white text looks on a background with the XYZ color 28.4850, 25.6691,

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

28.4850, 25.6691, 98.0610

Protanopia

29.3153, 25.7198, 96.3478

Tritanopia

18.0921, 25.4628, 39.0832

Trichromacy



Original Color

28.4850, 25.6691, 98.0610

Protanomaly

29.0076, 25.7489, 97.2071

Tritanomaly

20.8003, 25.0474, 56.5617

Monochromacy



Original Color

28.4850, 25.6691, 98.0610

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.8923, 21.7491, 42.6320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4850, 25.6691, 98.0610 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(56, 136, 255)` looks like.

```
.text, #text, p{  
    color:rgb(56, 136, 255)  
}
```

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(56, 136, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 136, 255) }
```

Border

The CSS property to change the border of an element to XYZ 28.4850, 25.6691, 98.0610 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(56, 136, 255) }
```

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

```
.border{ border-color:rgb(56, 136, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 136, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 136, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 136, 255);  
box-shadow:4px 4px 4px 4px rgb(56, 136,  
255) }
```


Background

The CSS property to change the background color of an element to XYZ 28.4850, 25.6691, 98.0610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 136, 255) }
```

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

```
.background{ background-color: rgb(56, 136,  
255) }
```

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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