

Converting Colors

XYZ(28.5661, 25.8221, 83.5993)

Have a look what the booklet for
XYZ(28.5661, 25.8221, 83.5993)
contains.

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Color

**XYZ(28.5661, 25.8221,
83.5993)**

Conversions

Conversions Part 1

Format	Color
Hex	5E87ED
RGB	94, 135, 237
RGB Percent	37%, 53%, 93%
CMY	0.6313, 0.4706, 0.0706
CMYK	0.60, 0.43, 0.00, 0.07
HSL	223°, 80%, 65%
HSV	223°, 60%, 93%
XYZ	28.5661, 25.8221, 83.5993
YIQ	134.3690, -57.1780, 23.0300

Conversions

Conversions Part 2

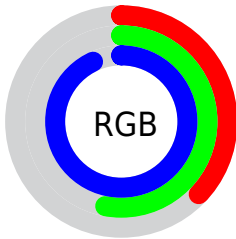
Format	Color
RYB	94, 126, 237
Decimal	6195181
CIELab	57.87, 16.52, -55.78
CIELCh	58, 58.175, 286.501
Yxy	25.8221, 0.2070, 0.1871
Android (android.graphics.Color)	4284385261 (0xFF5E87ED)
YUV	134.3690, 50.5971, -35.4036
Hunter-Lab	50.8155, 11.4174, -61.9704

Details

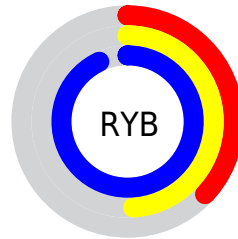
The XYZ color **28.5661, 25.8221, 83.5993** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **56.6872, 58.2954, 18.8557**, and the grayscale version is **22.6315, 23.8101, 25.9292**.

A 20% lighter version of the original color is **49.5508, 50.1550, 101.6770**, and **11.6536, 9.9960, 44.4952** is the 20% darker color. If you saturate the color by 10%, you get **24.3239, 20.4075, 82.7783**, and if you desaturate by 10%, it is **33.9308, 32.3719, 84.5813**.

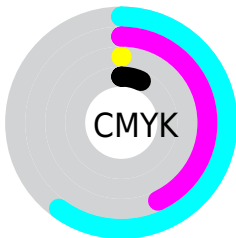
Distribution



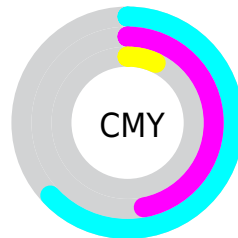
- Red (37%)
- Green (53%)
- Blue (93%)



- Red (37%)
- Yellow (49%)
- Blue (93%)



- Cyan (60%)
- Magenta (43%)
- Yellow (0%)
- Black (7%)



- Cyan (63%)
- Magenta (47%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5661, 25.8221, 83.5993 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 28.5661, 25.8221, 83.5993 by changing the saturation by 10% instead.

■ 28.5661, 25.8221,
83.5993

■ 28.5661, 25.8221,
83.5993

287.1934,
281.9077, 527.0049

■ 18.8955, 16.6906,
62.1412

■ 56.7893, 52.9878,
140.2712

■ 11.6983, 10.0141,
44.7103

■ 76.0726, 71.7908,
176.3222

■ 6.6093, 5.4083,
30.8880

■ 99.2909, 94.5864,
218.0744

■ 3.2631, 2.4888,
20.2558

■ 126.8094,
121.7591, 265.9466

■ 1.2944, 0.8710,
12.3952

158.9935,
153.6931, 320.3572

■ 0.1790, 0.0000,
6.8876

196.2087,

■ 0.0000, 0.0000,

190.7730, 381.7247

3.3145

238.8202,
233.3830, 450.4678

■ 0.0000, 0.0000,
1.2574

■ 0.0000, 0.0000,
0.0265

■ 28.5661, 25.8221,
83.5993

■ 28.5661, 25.8221,
83.5993

■ 24.3239, 20.4075,
82.7783

■ 33.9308, 32.3719,
84.5813

■ 21.1126, 16.0539,
82.1073

■ 40.4932, 40.1192,
85.7309

■ 18.8299, 12.6805,
81.5764

■ 48.3251, 49.1245,
87.0563

■ 17.3500, 10.2421,
81.1838

■ 57.4918, 59.4430,
88.5648

■ 68.0538, 71.1267,
90.2633

■ 80.0679, 84.2244,
92.1582

■ 91.7590, 97.8401,
94.1701

■ 92.2862, 98.8945,
94.3458

Harmonies

Analogous

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



21.5349, 25.8221, 84.6845



28.5661, 25.8221, 83.5993



35.6525, 25.8221, 63.8493

Triad

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



28.5661, 25.8221, 83.5993



35.0169, 25.8221, 8.4053



13.6481, 25.8221, 20.0473

Complementary

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



28.5661, 25.8221, 83.5993



56.6872, 58.2954, 18.8557

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.



16.0206, 25.8221, 9.0599



28.5661, 25.8221, 83.5993



27.8192, 25.8221, 4.8282

Square

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



28.5661, 25.8221, 83.5993



39.8339, 25.8221, 18.5307



20.9168, 25.8221, 4.9914



13.7719, 25.8221, 40.5409

Rectangle

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



28.5661, 25.8221, 83.5993



39.0634, 25.8221, 46.4462



20.9168, 25.8221, 4.9914



14.1575, 25.8221, 15.3816

Sweetspot

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



28.5672, 25.8229, 83.6000



70.5629, 73.1702, 105.0119



44.6503, 66.8485, 61.6491



14.3674, 14.8416, 22.3574



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.



28.5672, 25.8229, 83.6000



27.8902, 22.9991, 97.5770



27.4016, 18.3030, 82.2099



14.5829, 15.2523, 19.0976



9.5694, 5.7858, 44.3554



0.8312, 0.6138, 3.5095

Inverse Universe

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



43.3019, 27.7606, 25.9984



47.1591, 27.2737, 21.8596



58.4307, 74.8453, 21.9583



15.2430, 15.1251, 16.5651



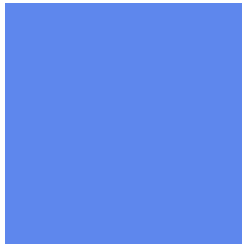
19.6855, 10.0769, 4.1451



1.5860, 0.8074, 0.5375

Previews

White Background



This preview shows how the XYZ color 28.5661, 25.8221, 83.5993 looks on a white background.

Color Contrast Check

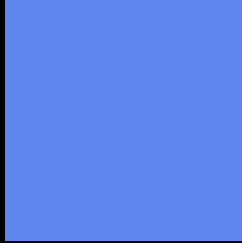
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5661, 25.8221, 83.5993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

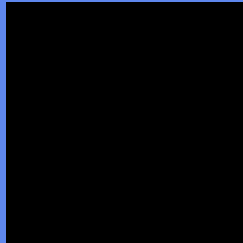
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.5661, 25.8221, 83.5993

Background



This preview shows how black text looks on a background with the XYZ color 28.5661, 25.8221, 83.5993.



This preview shows how white text looks on a background with the XYZ color 28.5661, 25.8221,

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

28.5661, 25.8221, 83.5993

Protanopia

28.5661, 25.8221, 83.5993

Deuteranopia

26.8331, 26.0056, 82.9622



Tritanopia

19.5409, 25.7382, 38.5884

Trichromacy



Original Color

28.5661, 25.8221, 83.5993

Protanomaly

28.5661, 25.8221, 83.5993

Deuteranomaly

27.2894, 25.8109, 82.9006

Tritanomaly

22.0921, 25.3462, 52.4431

Monochromacy



Original Color

28.5661, 25.8221, 83.5993

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.4835, 23.9124, 41.9059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5661, 25.8221, 83.5993 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(94, 135, 237)` looks like.

```
.text, #text, p{  
    color:rgb(94, 135, 237)  
}
```

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(94, 135, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 135, 237) }
```

Border

The CSS property to change the border of an element to XYZ 28.5661, 25.8221, 83.5993 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(94, 135, 237) }
```


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

```
.border{ border-color:rgb(94, 135, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 135, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 135, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 135, 237);  
box-shadow:4px 4px 4px 4px rgb(94, 135,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5661, 25.8221, 83.5993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 135, 237) }
```

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

```
.background{ background-color: rgb(94, 135,  
237) }
```

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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