

Converting Colors

XYZ(25.9406, 21.5834, 90.7945)

Have a look what the booklet for
XYZ(25.9406, 21.5834, 90.7945)
contains.

XYZ(25.9406, 21.5834, 90.7945)	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(25.9406, 21.5834,
90.7945)**

Conversions

Conversions Part 1

Format	Color
Hex	4379F7
RGB	67, 121, 247
RGB Percent	26%, 47%, 97%
CMY	0.7372, 0.5255, 0.0314
CMYK	0.73, 0.51, 0.00, 0.03
HSL	222°, 92%, 62%
HSV	222°, 73%, 97%
XYZ	25.9406, 21.5834, 90.7945
YIQ	119.2180, -72.6300, 27.7380

Conversions

Conversions Part 2

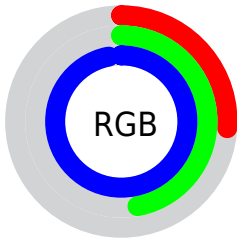
Format	Color
R _Y B	67, 109, 247
Decimal	4422135
CIE Lab	53.58, 24.40, -68.28
CIE LCh	54, 72.509, 289.668
Yxy	21.5834, 0.1875, 0.1560
Android (android.graphics.Color)	4282612215 (0xFF4379F7)
YUV	119.2180, 62.9965, -45.7952
Hunter-Lab	46.4579, 18.3672, -83.3521

Details

The XYZ color **25.9406, 21.5834, 90.7945** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **58.4444, 58.3254, 13.4898**, and the grayscale version is **17.4283, 18.3359, 19.9678**.

A 20% lighter version of the original color is **43.1469, 42.3414, 100.5064**, and **11.6768, 8.4828, 49.7371** is the 20% darker color. If you saturate the color by 10%, you get **22.6774, 17.0565, 90.0932**, and if you desaturate by 10%, it is **30.3040, 27.2367, 91.6563**.

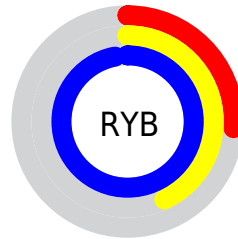
Distribution



Red (26%)

Green (47%)

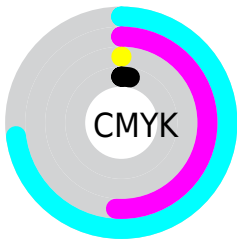
Blue (97%)



Red (26%)

Yellow (43%)

Blue (97%)

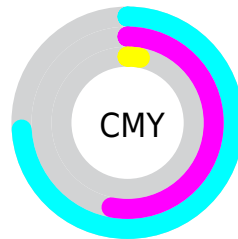


Cyan (73%)

Magenta (51%)

Yellow (0%)

Black (3%)



Cyan (74%)

Magenta (53%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9406, 21.5834, 90.7945 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 25.9406, 21.5834, 90.7945 by changing the saturation by 10% instead.

■ 25.9406, 21.5834,
90.7945

■ 25.9406, 21.5834,
90.7945

274.7524,
260.3629, 551.2486

■ 16.9117, 13.5511,
68.0624

■ 52.6111, 46.0565,
150.3866

■ 10.2664, 7.8091,
49.4815

■ 70.9833, 63.2661,
188.0837

■ 5.6396, 3.9731,
34.6333

■ 93.2007, 84.3035,
231.6062

■ 2.6658, 1.6585,
23.0992

■ 119.6287,
109.5533, 281.3727

■ 0.9796, 0.3966,
14.4608

150.6324,
139.3997, 337.8016

■ 0.0000, 0.0000,
8.2995

186.5774,

■ 0.0000, 0.0000,

174.2271, 401.3115

4.1966

227.8289,
214.4201, 472.3210

■ 0.0000, 0.0000,
1.7338

■ 0.0000, 0.0000,
0.3838

■ 25.9406, 21.5834,
90.7945

■ 25.9406, 21.5834,
90.7945

■ 22.6774, 17.0565,
90.0932

■ 30.3040, 27.2367,
91.6563

■ 20.3921, 13.5628,
89.5393

■ 35.8647, 34.0940,
92.6868

■ 19.2433, 11.6248,
89.2258

■ 42.7118, 42.2269,
93.8957

■ 50.9246, 51.7008,
95.2915

■ 60.5758, 62.5760,
96.8819

■ 71.7327, 74.9090,
98.6744

■ 84.4581, 88.7531,
100.6759

■ 93.7886, 99.4954,
102.2576

Harmonies

Analogous

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



17.9600, 21.5834, 95.2865



25.9406, 21.5834, 90.7945



34.0751, 21.5834, 63.2737

Triad

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



25.9406, 21.5834, 90.7945



31.7293, 21.5834, 3.6854



9.0824, 21.5834, 16.6569

Complementary

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



25.9406, 21.5834, 90.7945



58.4444, 58.3254, 13.4898

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.



11.1342, 21.5834, 5.3035



25.9406, 21.5834, 90.7945



23.3002, 21.5834, 1.5658

Square

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



25.9406, 21.5834, 90.7945



37.9564, 21.5834, 11.8786



15.9031, 21.5834, 1.8798



9.4514, 21.5834, 40.9576

Rectangle

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



25.9406, 21.5834, 90.7945



37.8677, 21.5834, 41.6330



15.9031, 21.5834, 1.8798



9.4866, 21.5834, 11.5867

Sweetspot

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



25.9416, 21.5840, 90.7951



66.0627, 68.3205, 104.3130



45.2027, 71.5661, 61.8858



13.4954, 13.9034, 22.2223



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.



25.9416, 21.5840, 90.7951



23.2099, 16.6016, 96.5889



24.3912, 13.6154, 89.3387



15.9863, 16.7370, 20.9306



10.2851, 6.3640, 47.2243



0.9901, 0.7317, 4.1793

Inverse Universe

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



43.8171, 25.1706, 20.6382



44.0735, 23.2702, 14.1478



61.1393, 80.7767, 17.6813



16.7037, 16.5643, 18.1862



20.9960, 10.7418, 4.6871



1.8888, 0.9615, 0.6410

Previews

White Background



This preview shows how the XYZ color 25.9406, 21.5834, 90.7945 looks on a white background.

Color Contrast Check

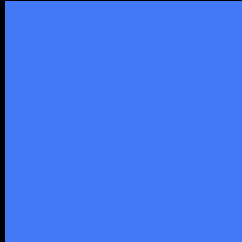
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9406, 21.5834, 90.7945 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

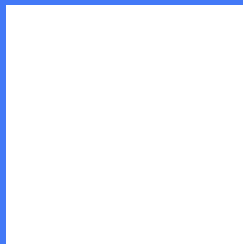
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9406, 21.5834, 90.7945

Background



This preview shows how black text looks on a background with the XYZ color 25.9406, 21.5834, 90.7945.



This preview shows how white text looks on a background with the XYZ color 25.9406, 21.5834,

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

25.9406, 21.5834, 90.7945

Protanopia

25.4485, 21.6584, 92.4617

Deuteranopia

21.8478, 21.5113, 75.6736



Tritanopia

15.1924, 21.3168, 33.0196

Trichromacy



Original Color

25.9406, 21.5834, 90.7945

Protanomaly

25.5337, 21.5371, 91.6182

Deuteranomaly

22.8173, 21.3134, 80.7532

Tritanomaly

17.8714, 20.8322, 50.0928

Monochromacy



Original Color

25.9406, 21.5834, 90.7945

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.8549, 18.8954, 38.7298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9406, 21.5834, 90.7945 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(67, 121, 247)` looks like.

```
.text, #text, p{  
    color:rgb(67, 121, 247)  
}
```

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(67, 121, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 121, 247) }
```

Border

The CSS property to change the border of an element to XYZ 25.9406, 21.5834, 90.7945 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(67, 121, 247) }
```


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

```
.border{ border-color:rgb(67, 121, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 121, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 121, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 121, 247);  
box-shadow:4px 4px 4px 4px rgb(67, 121,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9406, 21.5834, 90.7945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 121, 247) }
```

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

```
.background{ background-color: rgb(67, 121,  
247) }
```

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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