

Converting Colors

XYZ(27.8264, 25.6132, 94.7440)

Have a look what the booklet for
XYZ(27.8264, 25.6132, 94.7440)
contains.

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Color

**XYZ(27.8264, 25.6132,
94.7440)**

Conversions

Conversions Part 1

Format	Color
Hex	3589FB
RGB	53, 137, 251
RGB Percent	21%, 54%, 98%
CMY	0.7921, 0.4627, 0.0157
CMYK	0.79, 0.45, 0.00, 0.02
HSL	215°, 96%, 60%
HSV	215°, 79%, 98%
XYZ	27.8264, 25.6132, 94.7440
YIQ	124.8800, -86.6580, 17.6460

Conversions

Conversions Part 2

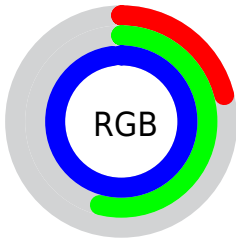
Format	Color
R_{YB}	53, 112, 251
Decimal	3508731
CIE _{Lab}	57.67, 14.47, -63.92
CIE _{LCh}	58, 65.542, 282.754
Yxy	25.6132, 0.1878, 0.1728
Android (android.graphics.Color)	4281698811 (0xFF3589FB)
YUV	124.8800, 62.1772, -63.0388
Hunter-Lab	50.6095, 9.5773, -75.5678

Details

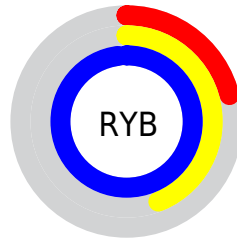
The XYZ color **27.8264, 25.6132, 94.7440** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **54.2487, 48.4101, 9.8550**, and the grayscale version is **19.2732, 20.2769, 22.0816**.

A 20% lighter version of the original color is **45.3655, 48.6361, 101.6044**, and **13.2273, 10.8745, 52.4408** is the 20% darker color. If you saturate the color by 10%, you get **24.9163, 21.2648, 94.0587**, and if you desaturate by 10%, it is **31.7039, 30.8692, 95.5547**.

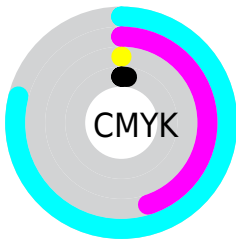
Distribution



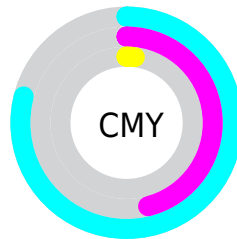
- Red (21%)
- Green (54%)
- Blue (98%)



- Red (21%)
- Yellow (44%)
- Blue (98%)



- Cyan (79%)
- Magenta (45%)
- Yellow (0%)
- Black (2%)



- Cyan (79%)
- Magenta (46%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8264, 25.6132, 94.7440 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 27.8264, 25.6132, 94.7440 by changing the saturation by 10% instead.

■ 27.8264, 25.6132,
94.7440

■ 27.8264, 25.6132,
94.7440

283.7316,
280.8781, 564.3085

■ 18.3346, 16.5345,
71.3262

■ 55.6177, 52.6503,
155.9034

■ 11.2916, 9.9032,
52.1250

■ 74.6480, 71.3774,
194.4821

■ 6.3321, 5.3348,
36.7218

■ 97.5885, 94.0896,
238.9516

■ 3.0906, 2.4450,
24.6981

■ 124.8046,
121.1710, 289.7303

■ 1.2019, 0.8489,
15.6353

156.6616,
153.0062, 347.2368

■ 0.1078, 0.0000,
9.1149

193.5248,

■ 0.0000, 0.0000,

189.9795, 411.8896

4.7184

235.7597,
232.4753, 484.1073

■ 0.0000, 0.0000,
2.0271

■ 0.0000, 0.0000,
0.5719

■ 27.8264, 25.6132,
94.7440

■ 27.8264, 25.6132,
94.7440

■ 24.9163, 21.2648,
94.0587

■ 31.7039, 30.8692,
95.5547

■ 22.8206, 17.7285,
93.4865

■ 36.6503, 37.0998,
96.4967

■ 22.6157, 17.3710,
93.4283

■ 42.7563, 44.3665,
97.5775

■ 50.1013, 52.7239,
98.8035

■ 58.7570, 62.2221,
100.1806

■ 68.7894, 72.9078,
101.7144

■ 80.2596, 84.8246,
103.4100

■ 93.2251, 98.0139,
105.2725

■ 94.4127, 99.7451,
105.5440

Harmonies

Analogous

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



20.1431, 25.6132, 92.7781



27.8264, 25.6132, 94.7440



36.0789, 25.6132, 73.1182

Triad

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



27.8264, 25.6132, 94.7440



37.1761, 25.6132, 7.6483



12.5992, 25.6132, 16.9468

Complementary

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



27.8264, 25.6132, 94.7440



54.2487, 48.4101, 9.8550

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.



15.4781, 25.6132, 6.6819



27.8264, 25.6132, 94.7440



29.0931, 25.6132, 3.6384

Square

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



27.8264, 25.6132, 94.7440



42.2060, 25.6132, 19.4021



21.1660, 25.6132, 3.4177



12.4030, 25.6132, 38.5462

Rectangle

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



27.8264, 25.6132, 94.7440



40.3565, 25.6132, 52.6910



21.1660, 25.6132, 3.4177



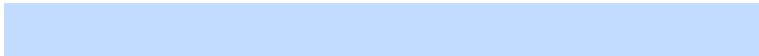
13.2514, 25.6132, 12.4248

Sweetspot

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



27.8275, 25.6139, 94.7447



65.7773, 69.7238, 104.5989



42.7769, 72.4763, 47.4312



13.3068, 14.0968, 22.2696



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.



27.8275, 25.6139, 94.7447



24.4015, 19.6821, 97.1207



20.9479, 10.6786, 92.2245



16.8883, 17.8534, 21.9412



12.0248, 9.4051, 49.1552



1.2162, 1.0761, 4.5868

Inverse Universe

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



45.5732, 24.8633, 26.0643



44.5048, 22.7911, 18.4279



70.3338, 87.3948, 16.5321



17.5501, 17.3474, 19.4868



22.3616, 11.3604, 8.6125



2.1228, 1.0729, 1.0702

Previews

White Background



This preview shows how the XYZ color 27.8264, 25.6132, 94.7440 looks on a white background.

Color Contrast Check

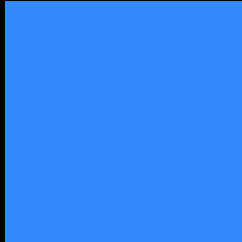
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8264, 25.6132, 94.7440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

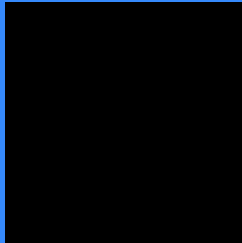
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

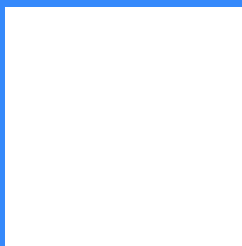
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.8264, 25.6132, 94.7440

Background



This preview shows how black text looks on a background with the XYZ color 27.8264, 25.6132, 94.7440.



This preview shows how white text looks on a background with the XYZ color 27.8264, 25.6132,

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

27.8264, 25.6132, 94.7440

Protanopia

28.9480, 25.6213, 92.2266

Deuteranopia

26.3214, 25.5335, 92.3481



Tritanopia

18.0921, 25.4628, 39.0832

Trichromacy



Original Color

27.8264, 25.6132, 94.7440

Protanomaly

28.3614, 25.5071, 93.0511

Deuteranomaly

26.6001, 25.4432, 93.1316

Tritanomaly

20.6661, 24.9914, 55.9592

Monochromacy



Original Color

27.8264, 25.6132, 94.7440

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.3465, 21.2934, 41.5657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8264, 25.6132, 94.7440 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(53, 137, 251)` looks like.

```
.text, #text, p{  
    color:rgb(53, 137, 251)  
}
```

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(53, 137, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 137, 251) }
```

Border

The CSS property to change the border of an element to XYZ 27.8264, 25.6132, 94.7440 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(53, 137, 251) }
```


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

```
.border{ border-color:rgb(53, 137, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 137, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(53, 137, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(53, 137, 251); box-shadow:4px 4px 4px 4px rgb(53, 137, 251) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8264, 25.6132, 94.7440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 137, 251) }
```

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

```
.background{ background-color: rgb(53, 137,  
251) }
```

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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