

Converting Colors

XYZ(27.5006, 24.8987, 97.9642)

Have a look what the booklet for
XYZ(27.5006, 24.8987, 97.9642)
contains.

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Color

**XYZ(27.5507, 24.9793,
97.9771)**

Conversions

Conversions Part 1

Format	Color
Hex	2787FF
RGB	39, 135, 255
RGB Percent	15%, 53%, 100%
CMY	0.8470, 0.4706, 0.0000
CMYK	0.85, 0.47, 0.00, 0.00
HSL	213°, 100%, 58%
HSV	213°, 85%, 100%
XYZ	27.5507, 24.9793, 97.9771
YIQ	119.9760, -95.7360, 16.9680

Conversions

Conversions Part 2

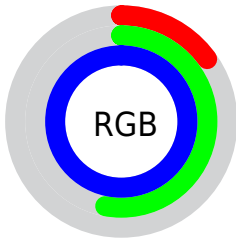
Format	Color
R _Y B	39, 105, 255
Decimal	2590719
CIE Lab	57.06, 16.01, -67.13
CIE LCh	57, 69.012, 283.414
Yxy	24.9793, 0.1831, 0.1660
Android (android.graphics.Color)	4280780799 (0xFF2787FF)
YUV	119.9760, 66.5668, -71.0160
Hunter-Lab	49.9793, 10.9330, -81.2439

Details

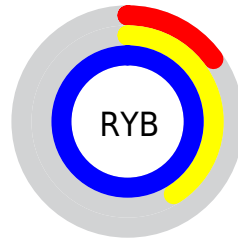
The XYZ color **27.5507, 24.9793, 97.9771** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **54.0091, 46.2116, 7.9949**, and the grayscale version is **17.6637, 18.5836, 20.2376**.

A 20% lighter version of the original color is **44.0593, 47.3240, 101.4200**, and **13.4058, 10.6868, 54.1795** is the 20% darker color. If you saturate the color by 10%, you get **25.0408, 20.9436, 97.3305**, and if you desaturate by 10%, it is **30.9729, 29.8761, 98.7420**.

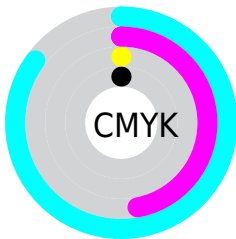
Distribution



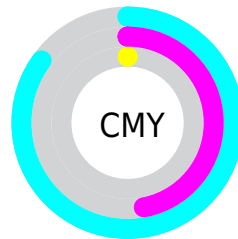
- Red (15%)
- Green (53%)
- Blue (100%)



- Red (15%)
- Yellow (41%)
- Blue (100%)



- Cyan (85%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (85%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5507, 24.9793, 97.9771 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 27.5507, 24.9793, 97.9771 by changing the saturation by 10% instead.

■ 27.5507, 24.9793,
97.9771

■ 27.5507, 24.9793,
97.9771

282.4329,
277.7348, 574.8786

■ 18.1260, 16.0616,
74.0048

■ 55.1800, 51.6236,
160.4020

■ 11.1407, 9.5678,
54.3011

■ 74.1152, 70.1191,
199.6917

■ 6.2295, 5.1133,
38.4476

■ 96.9514, 92.5760,
244.9242

■ 3.0271, 2.3139,
26.0258

■ 124.0538,
119.3786, 296.5181

■ 1.1681, 0.7811,
16.6170

■ 155.7878,
150.9114, 354.8920

■ 0.0810, 0.0000,
9.8027

192.5187,

■ 0.0000, 0.0000,

187.5588, 420.4643

5.1645

234.6120,
229.7051, 493.6537

■ 0.0000, 0.0000,
2.2837

■ 0.0000, 0.0000,
0.7220

■ 27.5507, 24.9793,
97.9771

■ 27.5507, 24.9793,
97.9771

■ 25.0408, 20.9436,
97.3305

■ 30.9729, 29.8761,
98.7420

■ 23.9906, 19.1011,
97.0302

■ 35.4261, 35.7093,
99.6332

■ 41.0118, 42.5449,
100.6582

■ 47.8170, 50.4412,
101.8236

■ 55.9197, 59.4506,
103.1356

■ 65.3907, 69.6217,
104.5996

■ 76.2956, 80.9999,
106.2211

■ 88.6953, 93.6277,
108.0049

■ 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.



19.5592, 24.9793, 96.4801



27.5507, 24.9793, 97.9771



36.1673, 24.9793, 74.3116

Triad

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



27.5507, 24.9793, 97.9771



36.9821, 24.9793, 6.5908



11.7039, 24.9793, 16.3289

Complementary

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



27.5507, 24.9793, 97.9771



54.0091, 46.2116, 7.9949

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.



14.5486, 24.9793, 5.9339



27.5507, 24.9793, 97.9771



28.4824, 24.9793, 2.9130

Square

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



27.5507, 24.9793, 97.9771



42.3930, 24.9793, 18.0893



20.3017, 24.9793, 2.7710



11.5650, 24.9793, 38.9437

Rectangle

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



27.5507, 24.9793, 97.9771



40.6161, 24.9793, 52.5123



20.3017, 24.9793, 2.7710



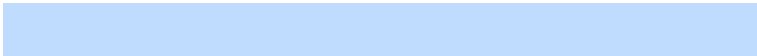
12.3398, 24.9793, 11.6958

Sweetspot

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



27.5517, 24.9800, 97.9772



65.0817, 69.2946, 104.5528



42.7530, 74.4140, 44.3728



13.1869, 14.0408, 22.2651



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.



27.5517, 24.9800, 97.9772



23.9906, 19.1011, 97.0302



20.0831, 9.3464, 95.3533



17.6674, 18.7065, 22.9295



12.6791, 10.2677, 50.7482



1.3414, 1.2135, 4.9768

Inverse Universe

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



46.3396, 24.4620, 25.2012



44.2385, 22.4594, 17.7200



73.5048, 90.9358, 15.6000



18.3448, 18.1212, 20.4328



23.1880, 11.7645, 9.6404



2.3117, 1.1671, 1.2228

Previews

White Background



This preview shows how the XYZ color 27.5507, 24.9793, 97.9771 looks on a white background.

Color Contrast Check

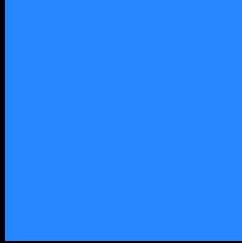
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5507, 24.9793, 97.9771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

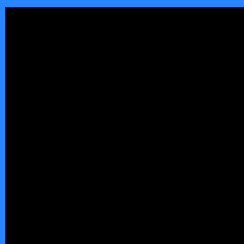
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

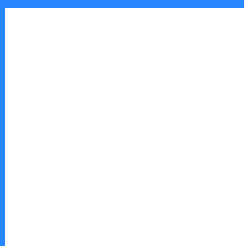
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5507, 24.9793, 97.9771

Background



This preview shows how black text looks on a background with the XYZ color 27.5507, 24.9793, 97.9771.



This preview shows how white text looks on a background with the XYZ color 27.5507, 24.9793,

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

27.5507, 24.9793, 97.9771

Protanopia

28.6460, 24.9866, 95.4086

Deuteranopia

25.5618, 24.9969, 89.0656



Tritanopia

17.4996, 24.7064, 37.5647

Trichromacy



Original Color

27.5507, 24.9793, 97.9771

Protanomaly

28.0416, 24.8590, 96.2488

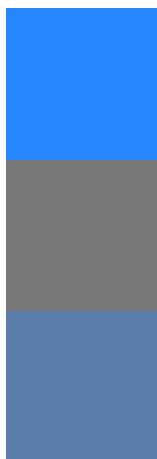
Deuteranomaly

26.2129, 25.0476, 92.2600

Tritanomaly

20.1568, 24.2843, 55.2547

Monochromacy



Original Color

27.5507, 24.9793, 97.9771

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.8094, 19.7560, 40.3580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5507, 24.9793, 97.9771 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(39, 135, 255)` looks like.

```
.text, #text, p{  
    color:rgb(39, 135, 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(39, 135, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 135, 255) }
```

Border

The CSS property to change the border of an element to XYZ 27.5507, 24.9793, 97.9771 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(39, 135, 255) }
```


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

```
.border{ border-color:rgb(39, 135, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 135, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 135, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 135, 255);  
box-shadow:4px 4px 4px 4px rgb(39, 135,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5507, 24.9793, 97.9771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 135, 255) }
```

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

```
.background{ background-color: rgb(39, 135,  
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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