

Converting Colors

XYZ(27.5656, 20.9477, 97.1982)

Have a look what the booklet for
XYZ(27.5656, 20.9477, 97.1982)
contains.

XYZ(27.5224, 20.8693, 97.1853)	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>	30

Color

**XYZ(27.5224, 20.8693,
97.1853)**

Conversions

Conversions Part 1

Format	Color
Hex	5371FF
RGB	83, 113, 255
RGB Percent	33%, 44%, 100%
CMY	0.6745, 0.5569, 0.0000
CMYK	0.67, 0.56, 0.00, 0.00
HSL	230°, 100%, 66%
HSV	230°, 67%, 100%
XYZ	27.5224, 20.8693, 97.1853
YIQ	120.2180, -63.4620, 37.8020

Conversions

Conversions Part 2

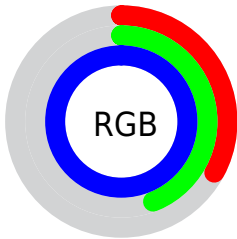
Format	Color
R _Y B	83, 109, 255
Decimal	5468671
CIE Lab	52.81, 34.21, -73.93
CIE LCh	53, 81.465, 294.832
Yxy	20.8693, 0.1891, 0.1434
Android (android.graphics.Color)	4283658751 (0xFF5371FF)
YUV	120.2180, 66.4475, -32.6402
Hunter-Lab	45.6829, 27.5950, -94.1548

Details

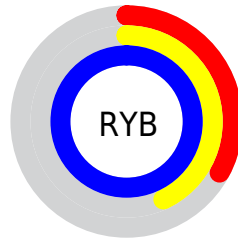
The XYZ color **27.5224, 20.8693, 97.1853** is a light color, and the websafe version is hex **3366FF**. The color can be described as light muted azure. A complement of this color would be **69.7295, 75.7403, 19.1299**, and the grayscale version is **17.7322, 18.6556, 20.3160**.

A 20% lighter version of the original color is **43.7199, 40.1605, 100.0552**, and **12.0263, 7.9276, 53.7197** is the 20% darker color. If you saturate the color by 10%, you get **23.5891, 15.7500, 96.4045**, and if you desaturate by 10%, it is **32.8291, 27.5053, 98.1865**.

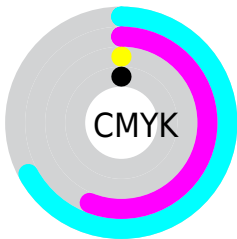
Distribution



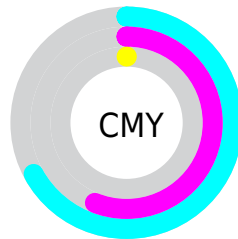
- Red (33%)
- Green (44%)
- Blue (100%)



- Red (33%)
- Yellow (43%)
- Blue (100%)



- Cyan (67%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5224, 20.8693, 97.1853 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 27.5224, 20.8693, 97.1853 by changing the saturation by 10% instead.

■ 27.5224, 20.8693,
97.1853

■ 27.5224, 20.8693,
97.1853

282.2993,
256.5831, 572.2996

■ 18.1046, 13.0285,
73.3482

■ 55.1350, 44.8699,
159.3017

■ 11.1252, 7.4482,
53.7672

■ 74.0605, 61.7985,
198.4181

■ 6.2190, 3.7439,
38.0237

■ 96.8859, 82.5252,
243.4647

■ 3.0206, 1.5314,
25.6991

■ 123.9766,
107.4343, 294.8601

■ 1.1647, 0.3107,
16.3749

155.6979,
136.9102, 353.0227

■ 0.0782, 0.0000,
9.6326

192.4153,

■ 0.0000, 0.0000,

171.3374, 418.3711

5.0537

234.4939,
211.1002, 491.3239

■ 0.0000, 0.0000,
2.2195

■ 0.0000, 0.0000,
0.6856

■ 27.5224, 20.8693,
97.1853

■ 27.5224, 20.8693,
97.1853

■ 23.5891, 15.7500,
96.4045

■ 32.8291, 27.5053,
98.1865

■ 20.8924, 12.0202,
95.8267

■ 39.6224, 35.7676,
99.4233

■ 19.2653, 9.5296,
95.4317

■ 48.0064, 45.7570,
100.9095

■ 18.9681, 9.0562,
95.3560

■ 58.0750, 57.5655,
102.6581

■ 69.9148, 71.2785,
104.6810

■ 83.6061, 86.9760,
106.9893

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.



18.3994, 20.8693, 108.5005



27.5224, 20.8693, 97.1853



36.4226, 20.8693, 61.7570

Triad

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



27.5224, 20.8693, 97.1853



30.8184, 20.8693, 1.9177



7.6038, 20.8693, 18.7618

Complementary

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



27.5224, 20.8693, 97.1853



69.7295, 75.7403, 19.1299

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.



9.2495, 20.8693, 5.0187



27.5224, 20.8693, 97.1853



21.3448, 20.8693, 0.6929

Square

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



27.5224, 20.8693, 97.1853



38.6753, 20.8693, 8.1883



13.7326, 20.8693, 1.2154



8.3920, 20.8693, 48.5969

Rectangle

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



27.5224, 20.8693, 97.1853



40.1639, 20.8693, 37.3044



13.7326, 20.8693, 1.2154



7.8724, 20.8693, 12.5435

Sweetspot

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



27.5234, 20.8698, 97.1854



66.7192, 67.5921, 104.1378



52.7107, 78.7125, 82.5586



13.5571, 13.6304, 22.1663



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.



27.5234, 20.8698, 97.1854



22.4969, 14.2727, 96.1769



31.5384, 18.7665, 96.5678



17.2590, 17.8896, 22.7933



9.9851, 4.8798, 49.8502



1.0393, 0.6093, 4.8761

Inverse Universe

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



47.3147, 28.6403, 18.6573



43.9340, 24.0583, 10.8118



61.2847, 84.4981, 21.2654



18.1386, 18.0388, 19.3472



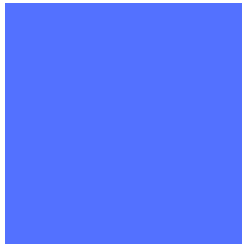
21.8282, 11.2206, 2.4799



2.1592, 1.1061, 0.4198

Previews

White Background



This preview shows how the XYZ color 27.5224, 20.8693, 97.1853 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 27.5224, 20.8693, 97.1853 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 27.5224, 20.8693, 97.1853

Background



This preview shows how black text looks on a background with the XYZ color 27.5224, 20.8693, 97.1853.



This preview shows how white text looks on a background with the XYZ color 27.5224, 20.8693,

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

27.5224, 20.8693, 97.1853

Protanopia

25.1559, 21.0332, 97.3417

Deuteranopia

20.9040, 20.7123, 72.0034

Trichromacy



Original Color

27.5224, 20.8693, 97.1853

Protanomaly

25.4833, 20.6691, 97.2542

Deuteranomaly

22.4697, 20.3825, 80.5918

Monochromacy



Original Color

27.5224, 20.8693, 97.1853

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.5861, 18.7130, 40.1158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5224, 20.8693, 97.1853 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(83, 113, 255)` looks like.

```
.text, #text, p{  
    color:rgb(83, 113, 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(83, 113, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 113, 255) }
```

Border

The CSS property to change the border of an element to XYZ 27.5224, 20.8693, 97.1853 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(83, 113, 255) }
```

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

```
.border{ border-color:rgb(83, 113, 255) }
```

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

Here you see how a box with a 4 pixel rgb(83, 113, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 113, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 113, 255);  
box-shadow:4px 4px 4px 4px rgb(83, 113,  
255) }
```


Background

The CSS property to change the background color of an element to XYZ 27.5224, 20.8693, 97.1853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 113, 255) }
```

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

```
.background{ background-color: rgb(83, 113,  
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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