

Converting Colors

XYZ(27.6312, 25.8596, 98.1421)

Have a look what the booklet for
XYZ(27.6312, 25.8596, 98.1421)
contains.

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Color

**XYZ(27.6360, 25.8674,
98.1441)**

Conversions

Conversions Part 1

Format	Color
Hex	178BFF
RGB	23, 139, 255
RGB Percent	9%, 55%, 100%
CMY	0.9096, 0.4549, 0.0000
CMYK	0.91, 0.45, 0.00, 0.00
HSL	210°, 100%, 55%
HSV	210°, 91%, 100%
XYZ	27.6360, 25.8674, 98.1441
YIQ	117.5400, -106.3720, 11.4840

Conversions

Conversions Part 2

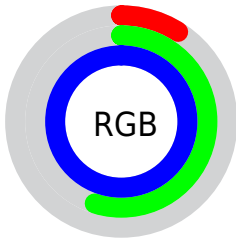
Format	Color
R _Y B	23, 100, 255
Decimal	1543167
CIE Lab	57.91, 12.66, -65.76
CIE LCh	58, 66.971, 280.899
Yxy	25.8674, 0.1822, 0.1706
Android (android.graphics.Color)	4279733247 (0xFF178BFF)
YUV	117.5400, 67.7678, -82.9116
Hunter-Lab	50.8600, 7.9872, -78.8094

Details

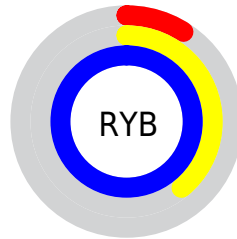
The XYZ color **27.6360, 25.8674, 98.1441** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **50.6339, 39.7996, 5.8263**, and the grayscale version is **16.9000, 17.7801, 19.3626**.

A 20% lighter version of the original color is **44.1021, 48.6323, 101.6703**, and **13.7342, 11.3435, 54.2890** is the 20% darker color. If you saturate the color by 10%, you get **25.7011, 22.5223, 97.6004**, and if you desaturate by 10%, it is **30.4829, 30.2380, 98.8376**.

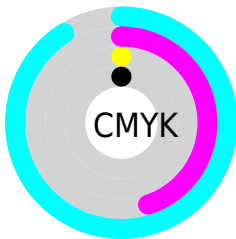
Distribution



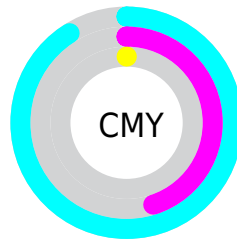
- Red (9%)
- Green (55%)
- Blue (100%)



- Red (9%)
- Yellow (39%)
- Blue (100%)



- Cyan (91%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (91%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6360, 25.8674, 98.1441 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 27.6360, 25.8674, 98.1441 by changing the saturation by 10% instead.

■ 27.6360, 25.8674,
98.1441

■ 27.6360, 25.8674,
98.1441

282.8352,
282.1305, 575.4217

■ 18.1905, 16.7245,
74.1433

■ 55.3155, 53.0610,
160.6340

■ 11.1874, 10.0382,
54.4138

■ 74.2802, 71.8804,
199.9601

■ 6.2612, 5.4243,
38.5372

■ 97.1487, 94.6941,
245.2318

■ 3.0467, 2.4983,
26.0948

■ 124.2863,
121.8864, 296.8675

■ 1.1785, 0.8758,
16.6682

■ 156.0584,
153.8419, 355.2858

■ 0.0893, 0.0000,
9.8387

192.8303,

■ 0.0000, 0.0000,

190.9448, 420.9052

5.1880

234.9675,
233.5795, 494.1444

■ 0.0000, 0.0000,
2.2973

■ 0.0000, 0.0000,
0.7297

■ 27.6360, 25.8674,
98.1441

■ 27.6360, 25.8674,
98.1441

■ 25.7011, 22.5223,
97.6004

■ 30.4829, 30.2380,
98.8376

■ 34.2434, 35.4097,
99.6377

■ 39.0282, 41.4494,
100.5513

■ 44.9293, 48.4144,
101.5846

■ 52.0276, 56.3553,
102.7432

■ 60.3959, 65.3184,
104.0323

■ 70.1005, 75.3466,
105.4564

■ 81.2031, 86.4797,
107.0201

■ 93.7611, 98.7555,
108.7277

Harmonies

Analogous

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



19.8534, 25.8674, 94.4141



27.6360, 25.8674, 98.1441



36.1993, 25.8674, 76.8289

Triad

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



27.6360, 25.8674, 98.1441



38.2670, 25.8674, 7.9479



12.6523, 25.8674, 15.9898

Complementary

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



27.6360, 25.8674, 98.1441



50.6339, 39.7996, 5.8263

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.



15.7676, 25.8674, 6.1681



27.6360, 25.8674, 98.1441



30.0171, 25.8674, 3.5928

Square

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



27.6360, 25.8674, 98.1441



43.1710, 25.8674, 20.5756



21.7694, 25.8674, 3.1921



12.2873, 25.8674, 37.4234

Rectangle

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



27.6360, 25.8674, 98.1441



40.7750, 25.8674, 55.7524



21.7694, 25.8674, 3.1921



13.3743, 25.8674, 11.6181

Sweetspot

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



27.6370, 25.8681, 98.1442



64.0789, 69.1634, 104.5803



40.7761, 73.5674, 36.4852



13.0337, 14.0927, 22.2832



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.



27.6370, 25.8681, 98.1442



25.7011, 22.5223, 97.6004



18.7116, 8.0172, 95.1690



17.7533, 18.8782, 22.9581



13.5787, 12.0669, 51.0481



1.4313, 1.3933, 5.0068

Inverse Universe

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



46.2075, 23.7386, 26.5729



45.1019, 22.8048, 22.2667



77.1551, 92.8420, 14.6667



18.3881, 18.1386, 20.6609



23.6421, 11.9461, 12.0316



2.3571, 1.1852, 1.4617

Previews

White Background



This preview shows how the XYZ color 27.6360, 25.8674, 98.1441 looks on a white background.

Color Contrast Check

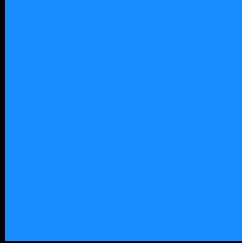
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6360, 25.8674, 98.1441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

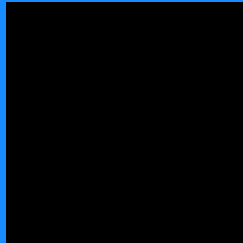
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

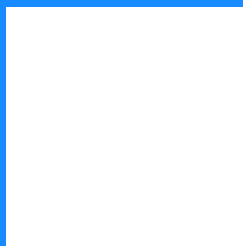
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.6360, 25.8674, 98.1441

Background



This preview shows how black text looks on a background with the XYZ color 27.6360, 25.8674, 98.1441.



This preview shows how white text looks on a background with the XYZ color 27.6360, 25.8674,

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

27.6360, 25.8674, 98.1441

Protanopia

29.1738, 25.7017, 93.8658

Deuteranopia

26.4682, 25.8271, 92.3970



Tritanopia

18.2564, 25.7915, 39.1380

Trichromacy



Original Color

27.6360, 25.8674, 98.1441

Protanomaly

28.2383, 25.5973, 95.5479

Deuteranomaly

26.8908, 25.7728, 94.8241

Tritanomaly

20.9256, 25.5777, 56.6574

Monochromacy



Original Color

27.6360, 25.8674, 98.1441

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.0960, 19.5879, 39.8729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6360, 25.8674, 98.1441 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(23, 139, 255)` looks like.

```
.text, #text, p{  
    color:rgb(23, 139, 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(23, 139, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 139, 255) }
```

Border

The CSS property to change the border of an element to XYZ 27.6360, 25.8674, 98.1441 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(23, 139, 255) }
```


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

```
.border{ border-color:rgb(23, 139, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 139, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 139, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 139, 255);  
box-shadow:4px 4px 4px 4px rgb(23, 139,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6360, 25.8674, 98.1441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 139, 255) }
```

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

```
.background{ background-color: rgb(23, 139,  
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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