

Converting Colors

XYZ(27.6593, 25.8794, 98.1452)

Have a look what the booklet for
XYZ(27.6593, 25.8794, 98.1452)
contains.

XYZ(27.6593, 25.8794, 98.1452)	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(27.6593, 25.8794,
98.1452)**

Conversions

Conversions Part 1

Format	Color
Hex	188BFF
RGB	24, 139, 255
RGB Percent	9%, 55%, 100%
CMY	0.9057, 0.4549, 0.0000
CMYK	0.91, 0.45, 0.00, 0.00
HSL	210°, 100%, 55%
HSV	210°, 91%, 100%
XYZ	27.6593, 25.8794, 98.1452
YIQ	117.8390, -105.7760, 11.6960

Conversions

Conversions Part 2

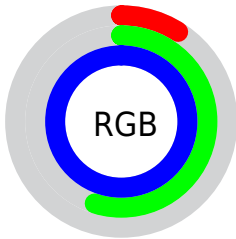
Format	Color
R _Y B	24, 101, 255
Decimal	1608703
CIE Lab	57.92, 12.71, -65.74
CIE LCh	58, 66.961, 280.939
Yxy	25.8794, 0.1823, 0.1706
Android (android.graphics.Color)	4279798783 (0xFF188BFF)
YUV	117.8390, 67.6204, -82.2968
Hunter-Lab	50.8718, 8.0259, -78.7759

Details

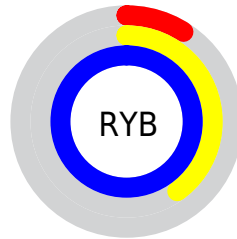
The XYZ color **27.6593, 25.8794, 98.1452** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **50.7891, 40.0938, 5.9283**, and the grayscale version is **16.9928, 17.8777, 19.4688**.

A 20% lighter version of the original color is **44.2358, 48.7012, 101.6765**, and **13.7342, 11.3435, 54.2890** is the 20% darker color. If you saturate the color by 10%, you get **25.6299, 22.3798, 97.5766**, and if you desaturate by 10%, it is **30.5399, 30.2806, 98.8429**.

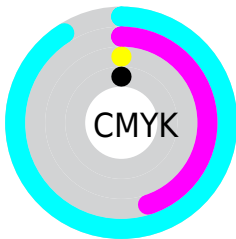
Distribution



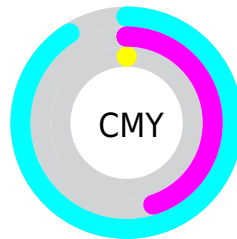
- Red (9%)
- Green (55%)
- Blue (100%)



- Red (9%)
- Yellow (40%)
- 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 27.6593, 25.8794, 98.1452 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 27.6593, 25.8794, 98.1452 by changing the saturation by 10% instead.

■ 27.6593, 25.8794,
98.1452

■ 27.6593, 25.8794,
98.1452

282.9450,
282.1896, 575.4253

■ 18.2081, 16.7334,
74.1442

■ 55.3525, 53.0803,
160.6355

■ 11.2001, 10.0446,
54.4146

■ 74.3252, 71.9041,
199.9619

■ 6.2699, 5.4286,
38.5378

■ 97.2025, 94.7226,
245.2338

■ 3.0521, 2.5008,
26.0953

■ 124.3498,
121.9201, 296.8698

■ 1.1814, 0.8771,
16.6685

■ 156.1323,
153.8812, 355.2884

■ 0.0916, 0.0000,
9.8390

192.9154,

■ 0.0000, 0.0000,

190.9903, 420.9081

5.1881

235.0645,
233.6316, 494.1476

■ 0.0000, 0.0000,
2.2974

■ 0.0000, 0.0000,
0.7298

■ 27.6593, 25.8794,
98.1452

■ 27.6593, 25.8794,
98.1452

■ 25.6299, 22.3798,
97.5766

■ 30.5399, 30.2806,
98.8429

■ 34.3406, 35.4892,
99.6479

■ 39.1712, 41.5717,
100.5673

■ 45.1234, 48.5853,
101.6074

■ 52.2777, 56.5806,
102.7736

■ 60.7067, 65.6040,
104.0710

■ 70.4766, 75.6983,
105.5045

■ 81.6491, 86.9034,
107.0784

■ 94.2814, 99.2572,
108.7971

Harmonies

Analogous

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



19.8728, 25.8794, 94.4515



27.6593, 25.8794, 98.1452



36.2226, 25.8794, 76.8048

Triad

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



27.6593, 25.8794, 98.1452



38.2704, 25.8794, 7.9454



12.6588, 25.8794, 16.0204

Complementary

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



27.6593, 25.8794, 98.1452



50.7891, 40.0938, 5.9283

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.



15.7711, 25.8794, 6.1821



27.6593, 25.8794, 98.1452



30.0175, 25.8794, 3.5952

Square

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



27.6593, 25.8794, 98.1452



43.1812, 25.8794, 20.5627



21.7706, 25.8794, 3.1981



12.2972, 25.8794, 37.4744

Rectangle

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



27.6593, 25.8794, 98.1452



40.7954, 25.8794, 55.7252



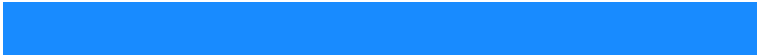
21.7706, 25.8794, 3.1981



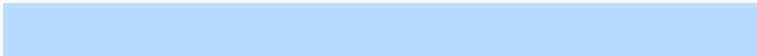
13.3798, 25.8794, 11.6422

Sweetspot

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



27.6603, 25.8801, 98.1452



64.0398, 69.0851, 104.5672



40.8359, 73.5940, 36.6786



13.0245, 14.0743, 22.2801



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.



27.6603, 25.8801, 98.1452



25.6299, 22.3798, 97.5766



18.7551, 8.0696, 95.1768



17.7499, 18.8715, 22.9570



13.5413, 11.9922, 51.0356



1.4276, 1.3860, 5.0055

Inverse Universe

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



46.2277, 23.7790, 26.5796



45.0660, 22.7904, 22.0773



77.1653, 92.8461, 14.7204



18.3864, 18.1379, 20.6520



23.6232, 11.9386, 11.9323



2.3552, 1.1845, 1.4519

Previews

White Background



This preview shows how the XYZ color 27.6593, 25.8794, 98.1452 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 27.6593, 25.8794, 98.1452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

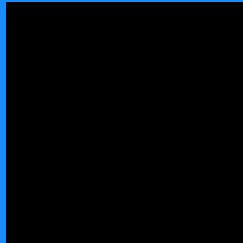
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

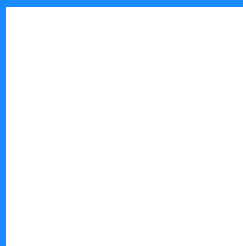
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.6593, 25.8794, 98.1452

Background



This preview shows how black text looks on a background with the XYZ color 27.6593, 25.8794, 98.1452.



This preview shows how white text looks on a background with the XYZ color 27.6593, 25.8794,

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

27.6593, 25.8794, 98.1452

Protanopia

29.1738, 25.7017, 93.8658

Deuteranopia

26.4682, 25.8271, 92.3970



Tritanopia

18.2564, 25.7915, 39.1380

Trichromacy



Original Color

27.6593, 25.8794, 98.1452

Protanomaly

28.2383, 25.5973, 95.5479

Deuteranomaly

26.9033, 25.7793, 94.8247

Tritanomaly

20.9381, 25.5842, 56.6580

Monochromacy



Original Color

27.6593, 25.8794, 98.1452

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.1849, 19.6337, 39.8770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6593, 25.8794, 98.1452 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(24, 139, 255)` looks like.

```
.text, #text, p{  
    color:rgb(24, 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(24, 139, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 139, 255) }
```

Border

The CSS property to change the border of an element to XYZ 27.6593, 25.8794, 98.1452 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(24, 139, 255) }
```


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

```
.border{ border-color:rgb(24, 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(24, 139, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 139, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 139, 255);  
box-shadow:4px 4px 4px 4px rgb(24, 139,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6593, 25.8794, 98.1452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 139, 255) }
```

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

```
.background{ background-color: rgb(24, 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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