

Converting Colors

XYZ(28.4440, 27.6092, 98.4377)

Have a look what the booklet for
XYZ(28.4440, 27.6092, 98.4377)
contains.

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Color

**XYZ(28.4440, 27.6092,
98.4377)**

Conversions

Conversions Part 1

Format	Color
Hex	1391FF
RGB	19, 145, 255
RGB Percent	7%, 57%, 100%
CMY	0.9253, 0.4314, 0.0000
CMYK	0.93, 0.43, 0.00, 0.00
HSL	208°, 100%, 54%
HSV	208°, 93%, 100%
XYZ	28.4440, 27.6092, 98.4377
YIQ	119.8660, -110.4060, 7.4980

Conversions

Conversions Part 2

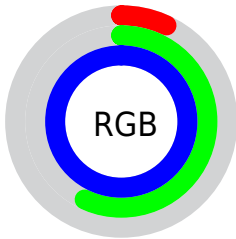
Format	Color
R _Y B	19, 101, 255
Decimal	1282559
CIE Lab	59.53, 8.86, -63.16
CIE LCh	60, 63.776, 277.989
Yxy	27.6092, 0.1841, 0.1787
Android (android.graphics.Color)	4279472639 (0xFF1391FF)
YUV	119.8660, 66.6211, -88.4595
Hunter-Lab	52.5445, 4.6750, -74.2938

Details

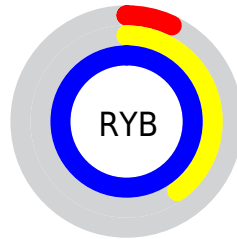
The XYZ color **28.4440, 27.6092, 98.4377** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **49.2152, 37.0216, 5.1704**, and the grayscale version is **17.6346, 18.5529, 20.2041**.

A 20% lighter version of the original color is **45.3143, 51.2530, 102.1122**, and **14.2609, 12.3970, 54.4645** is the 20% darker color. If you saturate the color by 10%, you get **26.8708, 24.8615, 97.9903**, and if you desaturate by 10%, it is **31.1508, 31.8441, 99.1124**.

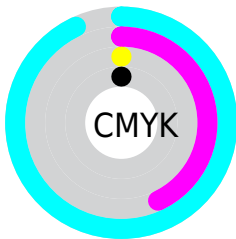
Distribution



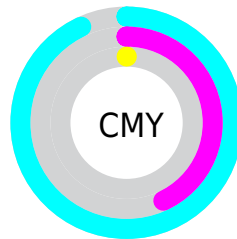
- Red (7%)
- Green (57%)
- Blue (100%)



- Red (7%)
- Yellow (40%)
- Blue (100%)



- Cyan (93%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)



- Cyan (93%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4440, 27.6092, 98.4377 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 28.4440, 27.6092, 98.4377 by changing the saturation by 10% instead.

■ 28.4440, 27.6092,
98.4377

■ 28.4440, 27.6092,
98.4377

286.6242,
290.5948, 576.3759

■ 18.8028, 18.0313,
74.3868

■ 56.5962, 55.8599,
161.0417

■ 11.6310, 10.9724,
54.6120

■ 75.8380, 75.3015,
200.4319

■ 6.5634, 6.0483,
38.6947

■ 99.0106, 98.7997,
245.7722

■ 3.2344, 2.8745,
26.2163

■ 126.4794,
126.7390, 297.4814

■ 1.2789, 1.0666,
16.7583

■ 158.6098,
159.5038, 355.9777

■ 0.1674, 0.0000,
9.9022

195.7672,

■ 0.0000, 0.0000,

197.4784, 421.6799

5.2294

238.3169,
241.0473, 495.0065

■ 0.0000, 0.0000,
2.3214

■ 0.0000, 0.0000,
0.7432

■ 28.4440, 27.6092,
98.4377

■ 28.4440, 27.6092,
98.4377

■ 26.8708, 24.8615,
97.9903

■ 31.1508, 31.8441,
99.1124

■ 34.7261, 36.8171,
99.8839

■ 39.2829, 42.5944,
100.7588

■ 44.9140, 49.2315,
101.7432

■ 51.7006, 56.7778,
102.8420

■ 59.7154, 65.2776,
104.0602

■ 69.0245, 74.7720,
105.4022

■ 79.6892, 85.2992,
106.8721

■ 91.7665, 96.8950,
108.4737

Harmonies

Analogous

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



20.8761, 27.6092, 92.4120



28.4440, 27.6092, 98.4377



36.9242, 27.6092, 80.0321

Triad

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



28.4440, 27.6092, 98.4377



40.3685, 27.6092, 10.2482



14.3838, 27.6092, 16.3616

Complementary

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



28.4440, 27.6092, 98.4377



49.2152, 37.0216, 5.1704

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.



17.8482, 27.6092, 6.9600



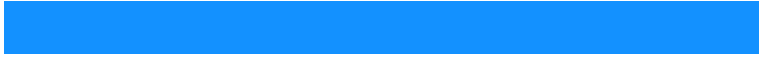
28.4440, 27.6092, 98.4377



32.4559, 27.6092, 4.8925

Square

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



28.4440, 27.6092, 98.4377



44.6673, 27.6092, 24.3315



24.1561, 27.6092, 4.1070



13.7411, 27.6092, 36.6276

Rectangle

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



28.4440, 27.6092, 98.4377



41.6104, 27.6092, 60.0757



24.1561, 27.6092, 4.1070



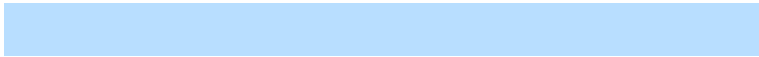
15.2171, 27.6092, 12.2021

Sweetspot

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



28.4451, 27.6099, 98.4378



63.7666, 69.4512, 104.6523



39.7459, 73.1455, 31.5026



12.8210, 14.0131, 22.2790



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.



28.4451, 27.6099, 98.4378



26.8708, 24.8615, 97.9903



18.8057, 8.3312, 95.2246



17.8060, 18.9835, 22.9757



14.1916, 13.2927, 51.2524



1.4912, 1.5131, 5.0267

Inverse Universe

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



46.5847, 23.7719, 28.9214



45.6923, 23.0409, 25.3756



73.4693, 85.5298, 13.2551



18.4147, 18.1492, 20.8010



23.9515, 12.0699, 13.6607



2.3873, 1.1973, 1.6209

Previews

White Background



This preview shows how the XYZ color 28.4440, 27.6092, 98.4377 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 28.4440, 27.6092, 98.4377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

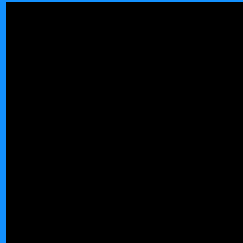
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

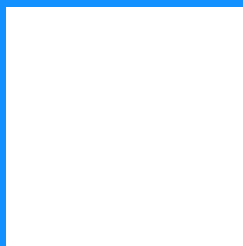
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.4440, 27.6092, 98.4377

Background



This preview shows how black text looks on a background with the XYZ color 28.4440, 27.6092, 98.4377.



This preview shows how white text looks on a background with the XYZ color 28.4440, 27.6092,

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

28.4440, 27.6092, 98.4377

Protanopia

30.7451, 27.5801, 93.3256

Deuteranopia

28.6543, 27.7177, 98.4475



Tritanopia

19.3883, 27.3183, 41.7872

Trichromacy



Original Color

28.4440, 27.6092, 98.4377

Protanomaly

29.1174, 27.1386, 94.9704

Deuteranomaly

28.5763, 27.6775, 98.4439

Tritanomaly

21.9042, 26.9978, 58.7002

Monochromacy



Original Color

28.4440, 27.6092, 98.4377

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.5790, 20.4041, 40.4953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4440, 27.6092, 98.4377 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(19, 145, 255)` looks like.

```
.text, #text, p{  
    color:rgb(19, 145, 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(19, 145, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 145, 255) }
```

Border

The CSS property to change the border of an element to XYZ 28.4440, 27.6092, 98.4377 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(19, 145, 255) }
```


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

```
.border{ border-color:rgb(19, 145, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 145, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 145, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 145, 255);  
box-shadow:4px 4px 4px 4px rgb(19, 145,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4440, 27.6092, 98.4377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 145, 255) }
```

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

```
.background{ background-color: rgb(19, 145,  
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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