

Converting Colors

XYZ(29.2443, 27.3503, 98.3455)

Have a look what the booklet for
XYZ(29.2443, 27.3503, 98.3455)
contains.

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Color

**XYZ(29.2443, 27.3503,
98.3455)**

Conversions

Conversions Part 1

Format	Color
Hex	368EFF
RGB	54, 142, 255
RGB Percent	21%, 56%, 100%
CMY	0.7882, 0.4431, 0.0000
CMYK	0.79, 0.44, 0.00, 0.00
HSL	214°, 100%, 61%
HSV	214°, 79%, 100%
XYZ	29.2443, 27.3503, 98.3455
YIQ	128.5700, -88.7210, 16.4870

Conversions

Conversions Part 2

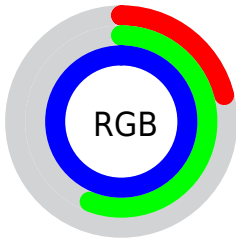
Format	Color
R _Y B	54, 115, 255
Decimal	3575551
CIE Lab	59.30, 12.99, -63.51
CIE LCh	59, 64.821, 281.563
Yxy	27.3503, 0.1887, 0.1765
Android (android.graphics.Color)	4281765631 (0xFF368EFF)
YUV	128.5700, 62.3300, -65.3979
Hunter-Lab	52.2975, 8.2949, -74.8866

Details

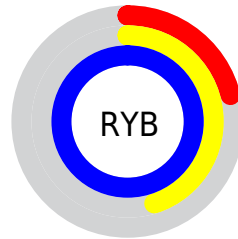
The XYZ color **29.2443, 27.3503, 98.3455** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **55.7278, 49.1697, 10.0456**, and the grayscale version is **20.5299, 21.5991, 23.5214**.

A 20% lighter version of the original color is **46.6184, 50.9173, 101.9787**, and **13.9924, 11.8599, 54.3750** is the 20% darker color. If you saturate the color by 10%, you get **26.2186, 22.8251, 97.6316**, and if you desaturate by 10%, it is **33.2629, 32.7950, 99.1847**.

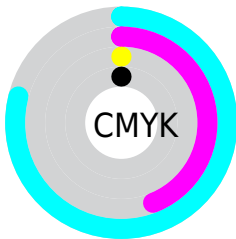
Distribution



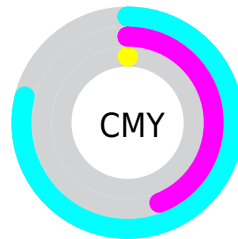
- Red (21%)
- Green (56%)
- Blue (100%)



- Red (21%)
- Yellow (45%)
- Blue (100%)



- Cyan (79%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (79%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2443, 27.3503, 98.3455 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 29.2443, 27.3503, 98.3455 by changing the saturation by 10% instead.

■ 29.2443, 27.3503,
98.3455

■ 29.2443, 27.3503,
98.3455

290.3393,
289.3492, 576.0764

■ 19.4109, 17.8365,
74.3104

■ 57.8599, 55.4455,
160.9137

■ 12.0733, 10.8327,
54.5498

■ 77.3728, 74.7956,
200.2837

■ 6.8662, 5.9544,
38.6452

■ 100.8429, 98.1933,
245.6025

■ 3.4241, 2.8174,
26.1781

■ 128.6356,
126.0230, 297.2886

■ 1.3818, 1.0372,
16.7300

161.1163,
158.6691, 355.7605

■ 0.2432, 0.0000,
9.8822

198.6502,

■ 0.0000, 0.0000,

196.5158, 421.4367

5.2164

241.6028,
239.9478, 494.7358

■ 0.0000, 0.0000,
2.3138

■ 0.0000, 0.0000,
0.7389

■ 29.2443, 27.3503,
98.3455

■ 29.2443, 27.3503,
98.3455

■ 26.2186, 22.8251,
97.6316

■ 33.2629, 32.7950,
99.1847

■ 24.0295, 19.1229,
97.0323

■ 38.3792, 39.2274,
100.1566

■ 23.8036, 18.7271,
96.9679

■ 44.6868, 46.7096,
101.2684

■ 52.2673, 55.2971,
102.5264

■ 61.1945, 65.0404,
103.9365

■ 71.5364, 75.9869,
105.5043

■ 83.3559, 88.1808,
107.2350

■ 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.



21.3742, 27.3503, 95.3073



29.2443, 27.3503, 98.3455



37.7588, 27.3503, 77.1784

Triad

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



29.2443, 27.3503, 98.3455



39.4781, 27.3503, 8.9063



13.8423, 27.3503, 17.7826

Complementary

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



29.2443, 27.3503, 98.3455



55.7278, 49.1697, 10.0456

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.



16.9709, 27.3503, 7.3197



29.2443, 27.3503, 98.3455



31.2394, 27.3503, 4.3420

Square

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



29.2443, 27.3503, 98.3455



44.4357, 27.3503, 21.7036



22.9969, 27.3503, 3.9697



13.5272, 27.3503, 39.6457

Rectangle

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



29.2443, 27.3503, 98.3455



42.2381, 27.3503, 56.4725



22.9969, 27.3503, 3.9697



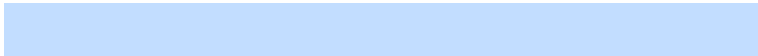
14.5639, 27.3503, 13.1883

Sweetspot

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



29.2454, 27.3511, 98.3456



65.9956, 70.1603, 104.6717



44.0335, 75.0053, 47.5432



13.3588, 14.2008, 22.2869



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.



29.2454, 27.3511, 98.3456



24.7853, 20.4497, 97.2486



21.4886, 10.9521, 95.5891



17.6573, 18.6861, 22.9261



12.5804, 10.0704, 50.7153



1.3314, 1.1935, 4.9735

Inverse Universe

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



47.4425, 25.8529, 28.0812



44.6985, 22.8686, 19.4479



74.0653, 91.1901, 17.1899



18.3396, 18.1192, 20.4057



23.1382, 11.7446, 9.3782



2.3066, 1.1650, 1.1961

Previews

White Background



This preview shows how the XYZ color 29.2443, 27.3503, 98.3455 looks on a white background.

Color Contrast Check

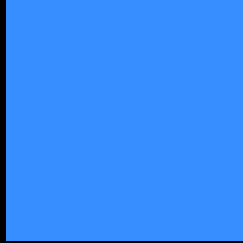
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2443, 27.3503, 98.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

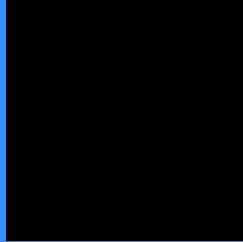
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

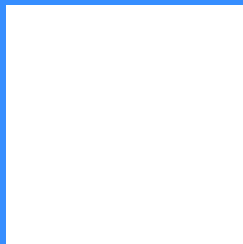
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2443, 27.3503, 98.3455

Background



This preview shows how black text looks on a background with the XYZ color 29.2443, 27.3503, 98.3455.



This preview shows how white text looks on a background with the XYZ color 29.2443, 27.3503,

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

29.2443, 27.3503, 98.3455

Protanopia

30.6209, 27.2658, 94.9157

Deuteranopia

28.2393, 27.2965, 97.5463



Tritanopia

19.2184, 26.9785, 41.7306

Trichromacy



Original Color

29.2443, 27.3503, 98.3455

Protanomaly

29.7838, 27.0300, 95.7430

Deuteranomaly

28.4050, 27.1580, 97.5108

Tritanomaly

21.9421, 26.7753, 58.6553

Monochromacy



Original Color

29.2443, 27.3503, 98.3455

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.7425, 22.9701, 43.8452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2443, 27.3503, 98.3455 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(54, 142, 255)` looks like.

```
.text, #text, p{  
    color:rgb(54, 142, 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(54, 142, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 142, 255) }
```

Border

The CSS property to change the border of an element to XYZ 29.2443, 27.3503, 98.3455 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(54, 142, 255) }
```


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

```
.border{ border-color:rgb(54, 142, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 142, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 142, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 142, 255);  
box-shadow:4px 4px 4px 4px rgb(54, 142,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2443, 27.3503, 98.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 142, 255) }
```

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

```
.background{ background-color: rgb(54, 142,  
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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