

Converting Colors

XYZ(30.0067, 28.6216, 98.5507)

Have a look what the booklet for
XYZ(30.0067, 28.6216, 98.5507)
contains.

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Color

**XYZ(30.0162, 28.6476,
98.5553)**

Conversions

Conversions Part 1

Format	Color
Hex	3992FF
RGB	57, 146, 255
RGB Percent	22%, 57%, 100%
CMY	0.7764, 0.4274, 0.0000
CMYK	0.78, 0.43, 0.00, 0.00
HSL	213°, 100%, 61%
HSV	213°, 78%, 100%
XYZ	30.0162, 28.6476, 98.5553
YIQ	131.8150, -88.0330, 15.0310

Conversions

Conversions Part 2

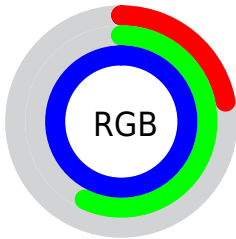
Format	Color
R _Y B	57, 118, 255
Decimal	3773183
CIE Lab	60.47, 10.88, -61.62
CIE LCh	60, 62.576, 280.017
Yxy	28.6476, 0.1909, 0.1822
Android (android.graphics.Color)	4281963263 (0xFF3992FF)
YUV	131.8150, 60.7302, -65.6128
Hunter-Lab	53.5235, 6.4376, -71.7071

Details

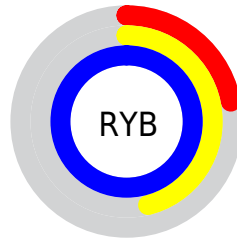
The XYZ color **30.0162, 28.6476, 98.5553** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **55.6179, 48.8335, 10.3674**, and the grayscale version is **21.6787, 22.8077, 24.8376**.

A 20% lighter version of the original color is **47.8335, 52.8921, 102.2959**, and **14.2609, 12.3970, 54.4645** is the 20% darker color. If you saturate the color by 10%, you get **26.8769, 24.0116, 97.8259**, and if you desaturate by 10%, it is **34.1524, 34.1925, 99.4075**.

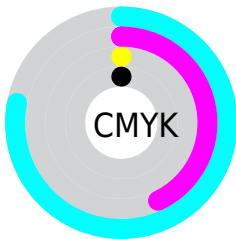
Distribution



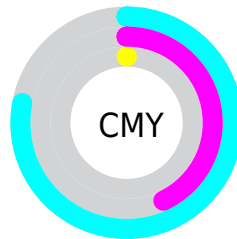
- Red (22%)
- Green (57%)
- Blue (100%)



- Red (22%)
- Yellow (46%)
- Blue (100%)



- Cyan (78%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)



- Cyan (78%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0162, 28.6476, 98.5553 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 30.0162, 28.6476, 98.5553 by changing the saturation by 10% instead.

■ 30.0162, 28.6476,
98.5553

■ 30.0162, 28.6476,
98.5553

293.8884,
295.5486, 576.7579

■ 19.9990, 18.8144,
74.4844

■ 59.0742, 57.5167,
161.2049

■ 12.5026, 11.5362,
54.6914

■ 78.8458, 77.3214,
200.6208

■ 7.1616, 6.4287,
38.7578

■ 102.5996,
101.2188, 245.9886

■ 3.6106, 3.1075,
26.2650

■ 130.7009,
129.5931, 297.7271

■ 1.4843, 1.1881,
16.7944

163.5150,
162.8289, 356.2548

■ 0.3151, 0.0520,
9.9276

201.4074,

■ 0.0000, 0.0000,

201.3104, 421.9901

5.2460

244.7435,
245.4222, 495.3516

■ 0.0000, 0.0000,
2.3311

■ 0.0000, 0.0000,
0.7485

■ 30.0162, 28.6476,
98.5553

■ 30.0162, 28.6476,
98.5553

■ 26.8769, 24.0116,
97.8259

■ 34.1524, 34.1925,
99.4075

■ 24.5947, 20.1976,
97.2100

■ 39.3876, 40.7117,
100.3899

■ 24.1365, 19.3930,
97.0788

■ 45.8129, 48.2654,
101.5093

■ 53.5085, 56.9071,
102.7717

■ 62.5470, 66.6861,
104.1829

■ 72.9950, 77.6481,
105.7481

■ 84.9145, 89.8360,
107.4724

■ 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.



22.2654, 28.6476, 94.3177



30.0162, 28.6476, 98.5553



38.4674, 28.6476, 79.0684

Triad

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



30.0162, 28.6476, 98.5553



40.9160, 28.6476, 10.4629



15.1001, 28.6476, 18.3432

Complementary

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



30.0162, 28.6476, 98.5553



55.6179, 48.8335, 10.3674

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.



18.4246, 28.6476, 8.0439



30.0162, 28.6476, 98.5553



32.8796, 28.6476, 5.3024

Square

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



30.0162, 28.6476, 98.5553



45.5332, 28.6476, 24.0873



24.6193, 28.6476, 4.7129



14.6343, 28.6476, 39.5730

Rectangle

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



30.0162, 28.6476, 98.5553



42.9912, 28.6476, 59.0684



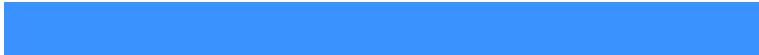
24.6193, 28.6476, 4.7129



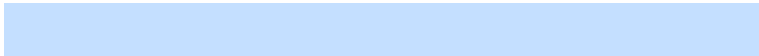
15.8839, 28.6476, 13.8453

Sweetspot

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



30.0173, 28.6484, 98.5554



67.2165, 71.6236, 104.8898



44.3227, 75.1401, 48.1992



13.6034, 14.5030, 22.3323



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.



30.0173, 28.6484, 98.5554



25.5594, 21.8726, 97.4824



21.8228, 11.3381, 95.6460



17.6753, 18.7221, 22.9321



12.7560, 10.4215, 50.7738



1.3492, 1.2291, 4.9794

Inverse Universe

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



47.8923, 26.2632, 29.7396



45.1198, 23.1541, 21.3056



74.1903, 91.2462, 17.5750



18.3487, 18.1228, 20.4536



23.2268, 11.7800, 9.8449



2.3156, 1.1686, 1.2435

Previews

White Background



This preview shows how the XYZ color 30.0162, 28.6476, 98.5553 looks on a white background.

Color Contrast Check

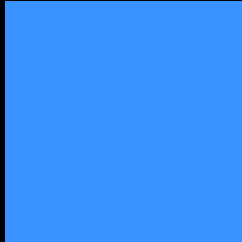
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0162, 28.6476, 98.5553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

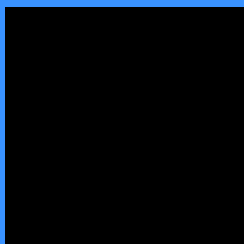
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

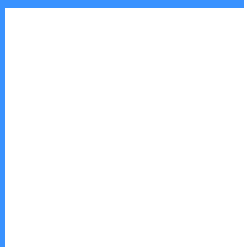
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0162, 28.6476, 98.5553

Background



This preview shows how black text looks on a background with the XYZ color 30.0162, 28.6476, 98.5553.



This preview shows how white text looks on a background with the XYZ color 30.0162, 28.6476,

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

30.0162, 28.6476, 98.5553

Protanopia

31.6041, 28.4387, 94.2660

Deuteranopia

29.7503, 28.7404, 98.5872



Tritanopia

20.2877, 28.5069, 43.9683

Trichromacy



Original Color

30.0162, 28.6476, 98.5553

Protanomaly

30.8728, 28.4670, 95.9630

Deuteranomaly

29.8999, 28.8175, 98.5942

Tritanomaly

22.9772, 28.2482, 60.7413

Monochromacy



Original Color

30.0162, 28.6476, 98.5553

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.7072, 24.0689, 45.0439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0162, 28.6476, 98.5553 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(57, 146, 255)` looks like.

```
.text, #text, p{  
    color:rgb(57, 146, 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(57, 146, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 146, 255) }
```

Border

The CSS property to change the border of an element to XYZ 30.0162, 28.6476, 98.5553 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(57, 146, 255) }
```


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

```
.border{ border-color:rgb(57, 146, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 146, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 146, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 146, 255);  
box-shadow:4px 4px 4px 4px rgb(57, 146,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0162, 28.6476, 98.5553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 146, 255) }
```

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

```
.background{ background-color: rgb(57, 146,  
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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