

Converting Colors

XYZ(28.3583, 24.9469, 97.9283)

Have a look what the booklet for
XYZ(28.3583, 24.9469, 97.9283)
contains.

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Color

**XYZ(28.3620, 24.9872,
97.9359)**

Conversions

Conversions Part 1

Format	Color
Hex	3D85FF
RGB	61, 133, 255
RGB Percent	24%, 52%, 100%
CMY	0.7607, 0.4784, 0.0000
CMYK	0.76, 0.48, 0.00, 0.00
HSL	218°, 100%, 62%
HSV	218°, 76%, 100%
XYZ	28.3620, 24.9872, 97.9359
YIQ	125.3800, -82.0740, 22.6780

Conversions

Conversions Part 2

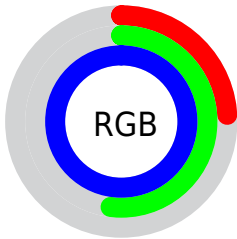
Format	Color
R _Y B	61, 114, 255
Decimal	4031999
CIE Lab	57.06, 19.19, -67.09
CIE LCh	57, 69.780, 285.966
Yxy	24.9872, 0.1875, 0.1652
Android (android.graphics.Color)	4282222079 (0xFF3D85FF)
YUV	125.3800, 63.9027, -56.4613
Hunter-Lab	49.9872, 13.8007, -81.1711

Details

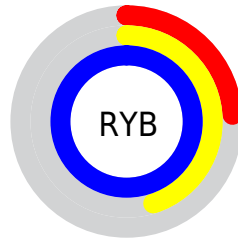
The XYZ color **28.3620, 24.9872, 97.9359** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **59.0191, 55.4698, 12.0131**, and the grayscale version is **19.4339, 20.4460, 22.2657**.

A 20% lighter version of the original color is **45.2305, 46.9863, 101.2931**, and **13.3265, 10.5282, 54.1531** is the 20% darker color. If you saturate the color by 10%, you get **25.1178, 20.3005, 97.2023**, and if you desaturate by 10%, it is **32.6888, 30.7299, 98.8163**.

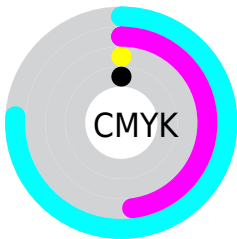
Distribution



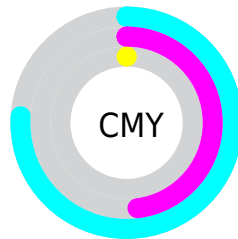
- Red (24%)
- Green (52%)
- Blue (100%)



- Red (24%)
- Yellow (45%)
- Blue (100%)



- Cyan (76%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3620, 24.9872, 97.9359 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 28.3620, 24.9872, 97.9359 by changing the saturation by 10% instead.

■ 28.3620, 24.9872,
97.9359

■ 28.3620, 24.9872,
97.9359

286.2415,
277.7742, 574.7445

■ 18.7406, 16.0675,
73.9706

■ 56.4665, 51.6365,
160.3448

■ 11.5859, 9.5719,
54.2733

■ 75.6802, 70.1348,
199.6254

■ 6.5325, 5.1161,
38.4256

■ 98.8222, 92.5949,
244.8483

■ 3.2152, 2.3155,
26.0088

■ 126.2576,
119.4010, 296.4319

■ 1.2686, 0.7819,
16.6044

158.3519,
150.9376, 354.7948

■ 0.1595, 0.0000,
9.7939

195.4704,

■ 0.0000, 0.0000,

187.5891, 420.3555

5.1587

237.9785,
229.7398, 493.5326

■ 0.0000, 0.0000,
2.2803

■ 0.0000, 0.0000,
0.7202

■ 28.3620, 24.9872,
97.9359

■ 28.3620, 24.9872,
97.9359

■ 25.1178, 20.3005,
97.2023

■ 32.6888, 30.7299,
98.8163

■ 22.8219, 16.5777,
96.6047

■ 38.2027, 37.6031,
99.8524

■ 22.1088, 15.3376,
96.4029

■ 44.9979, 45.6755,
101.0523

■ 53.1576, 55.0086,
102.4238

■ 62.7574, 65.6594,
103.9736

■ 73.8673, 77.6811,
105.7085

■ 86.5522, 91.1235,
107.6345

■ 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.



20.1232, 24.9872, 98.8652



28.3620, 24.9872, 97.9359



37.0032, 24.9872, 72.2876

Triad

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



28.3620, 24.9872, 97.9359



36.4998, 24.9872, 5.9285



11.4902, 24.9872, 17.6494

Complementary

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



28.3620, 24.9872, 97.9359



59.0191, 55.4698, 12.0131

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.



14.1119, 24.9872, 6.3273



28.3620, 24.9872, 97.9359



27.7874, 24.9872, 2.6933

Square

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



28.3620, 24.9872, 97.9359



42.3907, 24.9872, 16.5692



19.6665, 24.9872, 2.7785



11.5753, 24.9872, 41.6342

Rectangle

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



28.3620, 24.9872, 97.9359



41.2825, 24.9872, 50.0883



19.6665, 24.9872, 2.7785



12.0522, 24.9872, 12.6344

Sweetspot

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



28.3630, 24.9879, 97.9360



66.0072, 69.2049, 104.4867



45.9889, 75.8340, 55.7357



13.3136, 13.9233, 22.2357



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.



28.3630, 24.9879, 97.9360



23.8774, 18.3520, 96.8915



23.3441, 12.4276, 95.7761



17.5551, 18.4818, 22.8920



11.6829, 8.2754, 50.4161



1.2379, 1.0065, 4.9423

Inverse Universe

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



47.1432, 26.2926, 24.7809



44.3090, 22.9763, 16.5849



70.0011, 89.0746, 17.9207



18.2881, 18.0985, 20.1342



22.6852, 11.5634, 6.9927



2.2595, 1.1462, 0.9477

Previews

White Background



This preview shows how the XYZ color 28.3620, 24.9872, 97.9359 looks on a white background.

Color Contrast Check

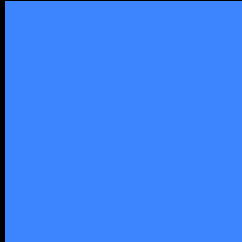
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3620, 24.9872, 97.9359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

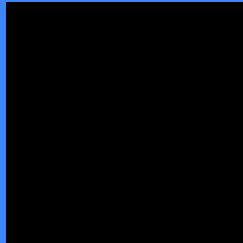
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

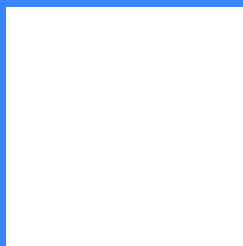
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3620, 24.9872, 97.9359

Background



This preview shows how black text looks on a background with the XYZ color 28.3620, 24.9872, 97.9359.



This preview shows how white text looks on a background with the XYZ color 28.3620, 24.9872,

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

28.3620, 24.9872, 97.9359

Protanopia

28.7392, 24.9979, 97.0763

Deuteranopia

25.5618, 24.9969, 89.0656



Tritanopia

17.5882, 24.7419, 38.0311

Trichromacy



Original Color

28.3620, 24.9872, 97.9359

Protanomaly

28.4554, 24.8516, 97.0630

Deuteranomaly

26.2198, 24.8392, 92.2195

Tritanomaly

20.2679, 24.1026, 55.8086

Monochromacy



Original Color

28.3620, 24.9872, 97.9359

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.6451, 21.2417, 42.0417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3620, 24.9872, 97.9359 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(61, 133, 255)` looks like.

```
.text, #text, p{  
    color:rgb(61, 133, 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(61, 133, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 133, 255) }
```

Border

The CSS property to change the border of an element to XYZ 28.3620, 24.9872, 97.9359 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(61, 133, 255) }
```


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

```
.border{ border-color:rgb(61, 133, 255) }
```

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

Here you see how a box with a 4 pixel rgb(61, 133, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 133, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 133, 255);  
box-shadow:4px 4px 4px 4px rgb(61, 133,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3620, 24.9872, 97.9359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 133, 255) }
```

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

```
.background{ background-color: rgb(61, 133,  
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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