

Converting Colors

XYZ(32.2370, 33.3627, 57.1081)

Have a look what the booklet for
XYZ(32.2370, 33.3627, 57.1081)
contains.

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Color

**XYZ(32.1741, 33.3337,
56.9628)**

Conversions

Conversions Part 1

Format	Color
Hex	889DC4
RGB	136, 157, 196
RGB Percent	53%, 62%, 77%
CMY	0.4667, 0.3843, 0.2314
CMYK	0.31, 0.20, 0.00, 0.23
HSL	219°, 34%, 65%
HSV	219°, 31%, 77%
XYZ	32.1741, 33.3337, 56.9628
YIQ	155.1670, -25.0350, 7.6770

Conversions

Conversions Part 2

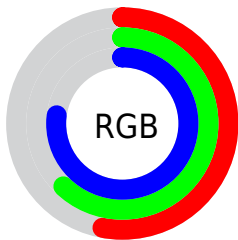
Format	Color
R _Y B	136, 152, 196
Decimal	8953284
CIE Lab	64.43, 1.78, -22.48
CIE LCh	64, 22.552, 274.535
Yxy	33.3337, 0.2627, 0.2722
Android (android.graphics.Color)	4287143364 (0xFF889DC4)
YUV	155.1670, 20.1307, -16.8095
Hunter-Lab	57.7353, -1.5644, -18.0819

Details

The XYZ color **32.1741, 33.3337, 56.9628** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.5394, 44.1736, 29.5778**, and the grayscale version is **31.1521, 32.7744, 35.6913**.

A 20% lighter version of the original color is **62.5097, 64.7567, 102.1332**, and **13.6927, 14.1459, 27.5999** is the 20% darker color. If you saturate the color by 10%, you get **27.2332, 27.7526, 56.1465**, and if you desaturate by 10%, it is **37.9240, 39.6670, 57.8828**.

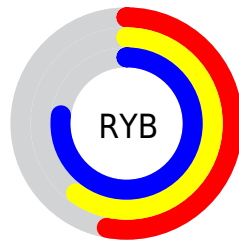
Distribution



Red (53%)

Green (62%)

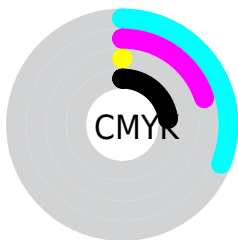
Blue (77%)



Red (53%)

Yellow (60%)

Blue (77%)

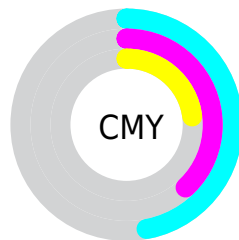


Cyan (31%)

Magenta (20%)

Yellow (0%)

Black (23%)



Cyan (47%)

Magenta (38%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1741, 33.3337, 56.9628 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 32.1741, 33.3337, 56.9628 by changing the saturation by 10% instead.

■ 32.1741, 33.3337,
56.9628

■ 32.1741, 33.3337,
56.9628

303.6428,
317.1507, 430.7997

■ 21.6507, 22.3822,
40.5662

■ 62.4473, 64.8962,
101.9107

■ 13.7156, 14.1380,
27.6631

■ 82.9278, 86.2759,
131.2991

■ 8.0035, 8.2167,
17.8351

■ 107.4580,
111.9006, 165.8552

■ 4.1490, 4.2339,
10.6634

136.4033,
142.1545, 205.9975

■ 1.7868, 1.8053,
5.7297

170.1291,
177.4221, 252.1445

■ 0.5097, 0.4905,
2.6153

209.0007,

■ 0.0000, 0.0000,

218.0877, 304.7149

0.9003

253.3835,
264.5358, 364.1271

■ 0.0000, 0.0000,
0.0000

■ 32.1741, 33.3337,
56.9628

■ 32.1741, 33.3337,
56.9628

■ 27.2332, 27.7526,
56.1465

■ 37.9240, 39.6670,
57.8828

■ 23.0595, 22.8897,
55.4279

■ 44.5156, 46.7769,
58.9077

■ 19.6120, 18.7141,
54.8036

■ 51.9836, 54.6913,
60.0417

■ 16.8444, 15.1904,
54.2693

■ 60.3598, 63.4356,
61.2881

■ 14.7045, 12.2799,
53.8203

■ 69.6743, 73.0340,
62.6498

■ 13.1311, 9.9385,
53.4513

■ 79.9559, 83.5096,
64.1299

■ 12.0677, 8.1932,
53.1705

■ 84.2148, 91.2673,
65.4028

■ 86.9639, 96.7656,
66.3192

Harmonies

Analogous

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



29.0980, 33.3337, 54.7439



32.1741, 33.3337, 56.9628



35.3187, 33.3337, 52.9230

Triad

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



32.1741, 33.3337, 56.9628



37.0538, 33.3337, 27.1533



26.4219, 33.3337, 29.2013

Complementary

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



32.1741, 33.3337, 56.9628



42.5394, 44.1736, 29.5778

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.



28.3052, 33.3337, 23.5748



32.1741, 33.3337, 56.9628



34.4161, 33.3337, 22.5402

Square

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



32.1741, 33.3337, 56.9628



38.2545, 33.3337, 34.9125



31.1963, 33.3337, 21.3499



25.9102, 33.3337, 37.7130

Rectangle

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



32.1741, 33.3337, 56.9628



36.9900, 33.3337, 47.5684



31.1963, 33.3337, 21.3499



26.9090, 33.3337, 26.9599

Sweetspot

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



32.1752, 33.3350, 56.9636



82.5294, 86.7532, 107.0030



37.5340, 47.7708, 47.2876



17.2585, 18.1352, 22.8408



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.



32.1752, 33.3350, 56.9636



51.8968, 53.1994, 102.1410



30.2705, 27.5241, 55.9423



9.8102, 10.3118, 12.7582



7.8276, 5.4116, 34.1886



0.4033, 0.3641, 1.4989

Inverse Universe

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



37.6558, 31.7794, 36.0490



63.6248, 50.5080, 57.2429



44.9236, 51.9494, 30.9531



10.2155, 10.1348, 11.2255



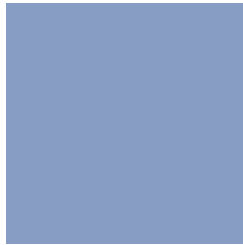
15.3470, 7.8285, 4.4732



0.6960, 0.3514, 0.3664

Previews

White Background



This preview shows how the XYZ color 32.1741, 33.3337, 56.9628 looks on a white background.

Color Contrast Check

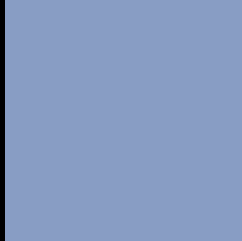
Large Text (above 18pt) WCAG AA × Fail

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 32.1741, 33.3337, 56.9628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

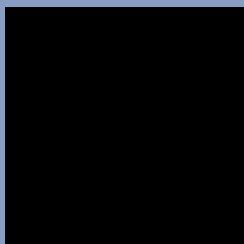
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

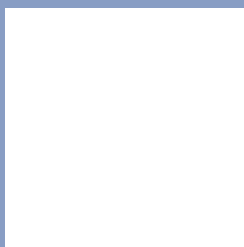
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.1741, 33.3337, 56.9628

Background



This preview shows how black text looks on a background with the XYZ color 32.1741, 33.3337, 56.9628.



This preview shows how white text looks on a background with the XYZ color 32.1741, 33.3337,

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

32.1741, 33.3337, 56.9628

Protanopia

33.1473, 33.1172, 55.6842

Deuteranopia

34.0470, 33.2977, 57.4560



Tritanopia

29.7449, 33.3710, 44.9179

Trichromacy



Original Color

32.1741, 33.3337, 56.9628

Protanomaly

32.7270, 33.1336, 56.3003

Deuteranomaly

33.3107, 33.1622, 57.4686

Tritanomaly

30.6872, 33.5056, 49.1058

Monochromacy



Original Color

32.1741, 33.3337, 56.9628

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.3569, 32.9751, 42.7424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1741, 33.3337, 56.9628 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(136, 157, 196)` looks like.

```
.text, #text, p{  
    color:rgb(136, 157, 196)  
}
```

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(136, 157, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 157, 196) }
```

Border

The CSS property to change the border of an element to XYZ 32.1741, 33.3337, 56.9628 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(136, 157, 196) }
```


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

```
.border{ border-color:rgb(136, 157, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 157, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 157, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 157, 196);  
box-shadow:4px 4px 4px 4px rgb(136, 157,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1741, 33.3337, 56.9628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 157, 196) }
```

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

```
.background{ background-color: rgb(136,  
157, 196) }
```

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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