

Converting Colors

XYZ(28.2289, 30.2036, 43.2177)

Have a look what the booklet for
XYZ(28.2289, 30.2036, 43.2177)
contains.

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Color

**XYZ(28.1859, 30.0983,
43.3537)**

Conversions

Conversions Part 1

Format	Color
Hex	8597AC
RGB	133, 151, 172
RGB Percent	52%, 59%, 67%
CMY	0.4784, 0.4078, 0.3255
CMYK	0.23, 0.12, 0.00, 0.33
HSL	212°, 19%, 60%
HSV	212°, 23%, 67%
XYZ	28.1859, 30.0983, 43.3537
YIQ	148.0120, -17.4690, 2.7150

Conversions

Conversions Part 2

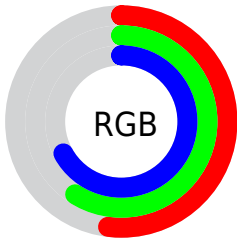
Format	Color
RYB	133, 145, 172
Decimal	8755116
CIELab	61.74, -1.65, -13.10
CIELCh	62, 13.207, 262.804
Yxy	30.0983, 0.2773, 0.2961
Android (android.graphics.Color)	4286945196 (0xFF8597AC)
YUV	148.0120, 11.8261, -13.1655
Hunter-Lab	54.8619, -4.3021, -8.4496

Details

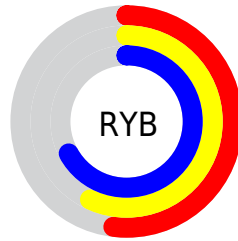
The XYZ color **28.1859, 30.0983, 43.3537** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.8029, 33.5756, 26.9430**, and the grayscale version is **28.1115, 29.5755, 32.2077**.

A 20% lighter version of the original color is **56.1900, 59.7735, 81.2490**, and **11.5146, 12.3094, 19.5384** is the 20% darker color. If you saturate the color by 10%, you get **24.2573, 25.9474, 42.7600**, and if you desaturate by 10%, it is **32.6781, 34.7151, 44.0086**.

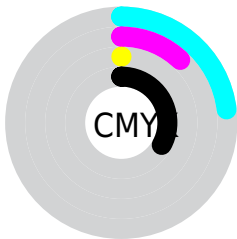
Distribution



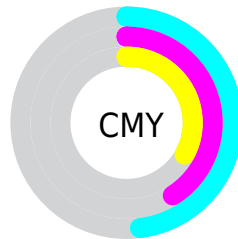
- Red (52%)
- Green (59%)
- Blue (67%)



- Red (52%)
- Yellow (57%)
- Blue (67%)



- Cyan (23%)
- Magenta (12%)
- Yellow (0%)
- Black (33%)



- Cyan (48%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1859, 30.0983, 43.3537 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 28.1859, 30.0983, 43.3537 by changing the saturation by 10% instead.

■ 28.1859, 30.0983,
43.3537

■ 28.1859, 30.0983,
43.3537

285.4181,
302.3624, 376.0282

■ 18.6070, 19.9132,
29.8293

■ 56.1877, 59.8176,
81.5364

■ 11.4890, 12.3320,
19.4581

■ 75.3413, 80.1206,
107.0318

■ 6.4664, 6.9702,
11.8216

■ 98.4171, 104.5650,
137.3545

■ 3.1741, 3.4435,
6.5013

125.7807,
133.5353, 172.9232

■ 1.2465, 1.3674,
3.0785

157.7971,
167.4157, 214.1564

■ 0.1426, 0.1925,
1.1349

194.8320,

■ 0.0000, 0.0000,

206.5908, 261.4726

0.0000

237.2505,
251.4449, 315.2904

■ 28.1859, 30.0983,
43.3537

■ 28.1859, 30.0983,
43.3537

■ 24.2573, 25.9474,
42.7600

■ 32.6781, 34.7151,
44.0086

■ 20.8654, 22.2422,
42.2236

■ 37.7539, 39.8097,
44.7244

■ 17.9847, 18.9663,
41.7432

■ 43.4356, 45.3980,
45.5036

■ 15.5867, 16.1007,
41.3164

■ 49.7435, 51.4942,
46.3478

■ 13.6397, 13.6247,
40.9411

■ 56.6970, 58.1117,
47.2586

■ 12.1078, 11.5150,
40.6147

■ 64.3145, 65.2633,
48.2375

■ 10.9485, 9.7449,
40.3341

■ 72.6137, 72.9617,
49.2861

■ 10.2707, 8.6271,
40.1541

■ 75.6363, 78.1383,
50.1259

■ 78.2097, 83.2849,
50.9837

Harmonies

Analogous

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



26.6109, 30.0983, 41.1106



28.1859, 30.0983, 43.3537



29.9387, 30.0983, 42.5383

Triad

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



28.1859, 30.0983, 43.3537



31.8405, 30.0983, 29.1587



25.9967, 30.0983, 27.2572

Complementary

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



28.1859, 30.0983, 43.3537



32.8029, 33.5756, 26.9430

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.



27.3164, 30.0983, 24.6280



28.1859, 30.0983, 43.3537



30.7016, 30.0983, 25.6448

Square

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



28.1859, 30.0983, 43.3537



32.0965, 30.0983, 34.0005



29.0333, 30.0983, 24.0694



25.3810, 30.0983, 31.5733

Rectangle

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



28.1859, 30.0983, 43.3537



30.9682, 30.0983, 40.4059



29.0333, 30.0983, 24.0694



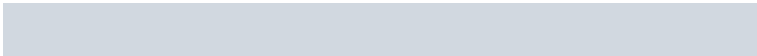
26.3700, 30.0983, 26.1656

Sweetspot

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



28.1868, 30.0995, 43.3544



64.2574, 67.9962, 80.5436



30.2422, 36.8186, 35.9981



13.8511, 14.6632, 17.4879



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.1868, 30.0995, 43.3544



47.5808, 50.8778, 78.1184



25.7141, 24.8475, 42.4710



7.8721, 8.3436, 10.1483



7.6968, 6.5276, 29.8988



0.2692, 0.2918, 0.8501

Inverse Universe

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



30.9875, 27.7809, 33.0085



53.5962, 46.1909, 55.8310



35.7160, 39.8233, 27.9954



8.1532, 8.0745, 9.1178



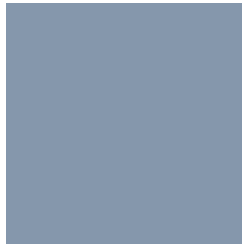
13.7487, 6.9620, 6.3218



0.4103, 0.2048, 0.3223

Previews

White Background



This preview shows how the XYZ color 28.1859, 30.0983, 43.3537 looks on a white background.

Color Contrast Check

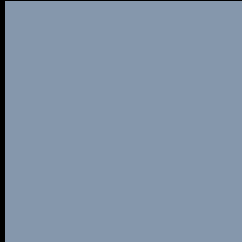
Large Text (above 18pt) WCAG AA × Fail

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 28.1859, 30.0983, 43.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

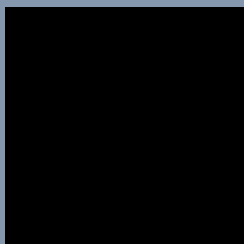
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

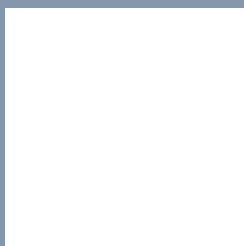
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1859, 30.0983, 43.3537

Background



This preview shows how black text looks on a background with the XYZ color 28.1859, 30.0983, 43.3537.



This preview shows how white text looks on a background with the XYZ color 28.1859, 30.0983,

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

28.1859, 30.0983, 43.3537

Protanopia

29.5227, 30.1018, 42.2844

Deuteranopia

30.6171, 29.9433, 43.7011



Tritanopia

27.2891, 29.9621, 39.4669

Trichromacy



Original Color

28.1859, 30.0983, 43.3537

Protanomaly

29.0826, 30.0979, 42.8047

Deuteranomaly

29.6536, 29.9043, 43.7444

Tritanomaly

27.7190, 30.1520, 40.9182

Monochromacy



Original Color

28.1859, 30.0983, 43.3537

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.1609, 29.7689, 36.1600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1859, 30.0983, 43.3537 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(133, 151, 172)` looks like.

```
.text, #text, p{  
    color:rgb(133, 151, 172)  
}
```

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(133, 151, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 151, 172) }
```

Border

The CSS property to change the border of an element to XYZ 28.1859, 30.0983, 43.3537 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(133, 151, 172) }
```


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

```
.border{ border-color:rgb(133, 151, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 151, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 151, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 151, 172);  
box-shadow:4px 4px 4px 4px rgb(133, 151,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1859, 30.0983, 43.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 151, 172) }
```

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

```
.background{ background-color: rgb(133,  
151, 172) }
```

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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