

Converting Colors

XYZ(28.5602, 33.7730, 35.8376)

Have a look what the booklet for
XYZ(28.5602, 33.7730, 35.8376)
contains.

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Color

**XYZ(28.5519, 33.7428,
36.0185)**

Conversions

Conversions Part 1

Format	Color
Hex	83A49B
RGB	131, 164, 155
RGB Percent	51%, 64%, 61%
CMY	0.4863, 0.3568, 0.3922
CMYK	0.20, 0.00, 0.05, 0.36
HSL	164°, 15%, 58%
HSV	164°, 20%, 64%
XYZ	28.5519, 33.7428, 36.0185
YIQ	153.1070, -16.7790, -9.7950

Conversions

Conversions Part 2

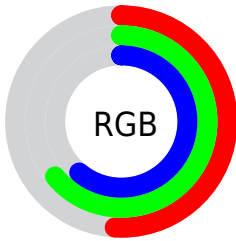
Format	Color
RYB	131, 150, 164
Decimal	8627355
CIELab	64.76, -13.23, 0.92
CIELCh	65, 13.262, 176.032
Yxy	33.7428, 0.2904, 0.3432
Android (android.graphics.Color)	4286817435 (0xFF83A49B)
YUV	153.1070, 0.9332, -19.3878
Hunter-Lab	58.0886, -13.9180, 3.8985

Details

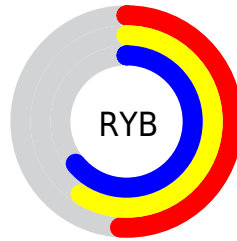
The XYZ color **28.5519, 33.7428, 36.0185** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.1609, 26.0194, 28.3503**, and the grayscale version is **30.3269, 31.9062, 34.7459**.

A 20% lighter version of the original color is **56.6073, 65.4568, 69.9725**, and **11.6862, 14.3371, 15.2481** is the 20% darker color. If you saturate the color by 10%, you get **25.8416, 32.3891, 33.9671**, and if you desaturate by 10%, it is **31.6802, 35.3122, 38.1636**.

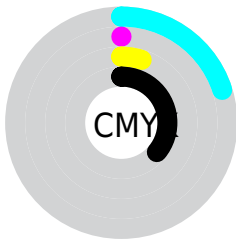
Distribution



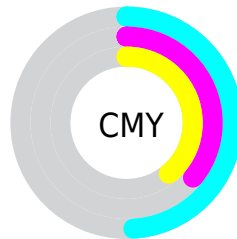
- Red (51%)
- Green (64%)
- Blue (61%)



- Red (51%)
- Yellow (59%)
- Blue (64%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (36%)



- Cyan (49%)
- Magenta (36%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5519, 33.7428, 36.0185 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 28.5519, 33.7428, 36.0185 by changing the saturation by 10% instead.

■ 28.5519, 33.7428,
36.0185

■ 28.5519, 33.7428,
36.0185

287.1273,
318.9837, 344.0813

■ 18.8847, 22.6961,
24.1587

■ 56.7669, 65.5335,
70.2300

■ 11.6905, 14.3693,
15.2381

■ 76.0454, 87.0463,
93.4187

■ 6.6040, 8.3779,
8.8382

■ 99.2583, 112.8165,
121.2209

■ 3.2598, 4.3377,
4.5404

126.7710,
143.2286, 154.0549

■ 1.2926, 1.8642,
1.9262

158.9489,
178.6670, 192.3394

■ 0.1777, 0.5267,
0.5094

196.1574,

■ 0.0000, 0.0000,

219.5161, 236.4930

0.0000

238.7617,
266.1601, 286.9341

■ 28.5519, 33.7428,
36.0185

■ 28.5519, 33.7428,
36.0185

■ 25.8416, 32.3891,
33.9671

■ 31.6802, 35.3122,
38.1636

■ 23.5273, 31.2370,
32.0054

■ 35.2413, 37.1021,
40.4016

■ 21.5894, 30.2775,
30.1325

■ 39.2529, 39.1227,
42.7350

■ 20.0056, 29.4989,
28.3464

■ 43.7309, 41.3821,
45.1651

■ 18.7510, 28.8885,
26.6452

■ 48.6903, 43.8879,
47.6934

■ 17.7973, 28.4317,
25.0268

■ 54.1454, 46.6476,
50.3213

■ 17.1114, 28.1114,
23.4888

■ 60.1100, 49.6682,
53.0501

■ 16.6219, 27.8905,
22.0442

■ 63.8971, 51.5646,
55.7548

■ 64.3964, 51.7643,
58.3841

Harmonies

Analogous

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



29.1265, 33.7428, 31.1812



28.5519, 33.7428, 36.0185



28.8892, 33.7428, 41.5428

Triad

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



28.5519, 33.7428, 36.0185



33.7073, 33.7428, 47.0036



34.1635, 33.7428, 28.7032

Complementary

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



28.5519, 33.7428, 36.0185



28.1609, 26.0194, 28.3503

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.



35.4793, 33.7428, 32.3227



28.5519, 33.7428, 36.0185



35.2087, 33.7428, 42.9234

Square

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



28.5519, 33.7428, 36.0185



31.8185, 33.7428, 48.2397



35.8691, 33.7428, 37.4714



32.3258, 33.7428, 27.2308

Rectangle

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



28.5519, 33.7428, 36.0185



29.5934, 33.7428, 44.8257



35.8691, 33.7428, 37.4714



34.6843, 33.7428, 29.6905

Sweetspot

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



28.5529, 33.7442, 36.0193



59.9978, 65.3481, 70.8784



28.2475, 33.7970, 26.5078



13.0325, 14.2440, 15.4419



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



28.5529, 33.7442, 36.0193



49.6049, 60.1374, 63.7453



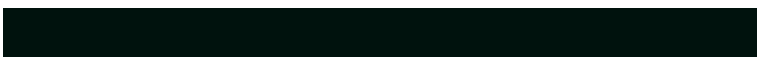
28.0936, 31.5701, 39.7366



7.1933, 7.9781, 8.6295



12.7650, 21.3923, 17.0107



0.2864, 0.4568, 0.4532

Inverse Universe

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



28.1609, 26.0194, 28.3503



48.7676, 43.6138, 47.3464



28.5177, 27.7521, 25.3268



7.1495, 7.1162, 7.7735



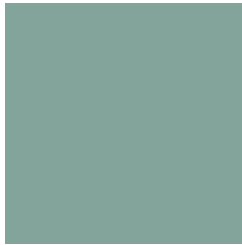
12.1159, 6.2024, 2.5349



0.2733, 0.1378, 0.1520

Previews

White Background



This preview shows how the XYZ color 28.5519, 33.7428, 36.0185 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 28.5519, 33.7428, 36.0185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

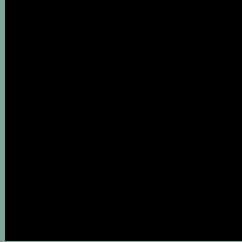
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

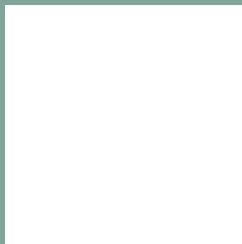
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.5519, 33.7428, 36.0185

Background



This preview shows how black text looks on a background with the XYZ color 28.5519, 33.7428, 36.0185.



This preview shows how white text looks on a background with the XYZ color 28.5519, 33.7428,

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

28.5519, 33.7428, 36.0185

Protanopia

32.1723, 33.5884, 34.0657

Deuteranopia

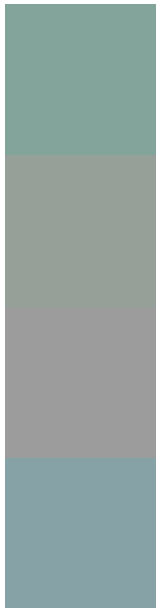
34.1944, 33.5830, 37.0277



Tritanopia

30.3765, 33.6966, 44.9475

Trichromacy



Original Color

28.5519, 33.7428, 36.0185

Protanomaly

30.6433, 33.5473, 34.5660

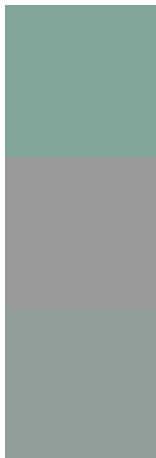
Deuteranomaly

31.6846, 33.2792, 36.6519

Tritanomaly

29.7269, 33.6990, 41.4970

Monochromacy



Original Color

28.5519, 33.7428, 36.0185

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.5668, 32.4668, 35.2802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5519, 33.7428, 36.0185 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(131, 164, 155)` looks like.

```
.text, #text, p{  
    color:rgb(131, 164, 155)  
}
```

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(131, 164, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 164, 155) }
```

Border

The CSS property to change the border of an element to XYZ 28.5519, 33.7428, 36.0185 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(131, 164, 155) }
```


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

```
.border{ border-color:rgb(131, 164, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 164, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 164, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 164, 155);  
box-shadow:4px 4px 4px 4px rgb(131, 164,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5519, 33.7428, 36.0185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 164, 155) }
```

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

```
.background{ background-color: rgb(131,  
164, 155) }
```

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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