

Converting Colors

XYZ(28.5693, 32.9737, 35.4307)

Have a look what the booklet for
XYZ(28.5693, 32.9737, 35.4307)
contains.

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Color

**XYZ(28.5693, 32.9737,
35.4307)**

Conversions

Conversions Part 1

Format	Color
Hex	87A19A
RGB	135, 161, 154
RGB Percent	53%, 63%, 60%
CMY	0.4706, 0.3686, 0.3961
CMYK	0.16, 0.00, 0.04, 0.37
HSL	164°, 12%, 58%
HSV	164°, 16%, 63%
XYZ	28.5693, 32.9737, 35.4307
YIQ	152.4280, -13.2490, -7.6890

Conversions

Conversions Part 2

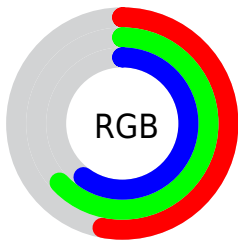
Format	Color
RYB	135, 150, 161
Decimal	8888730
CIELab	64.14, -10.50, 0.61
CIELCh	64, 10.515, 176.684
Yxy	32.9737, 0.2946, 0.3400
Android (android.graphics.Color)	4287078810 (0xFF87A19A)
YUV	152.4280, 0.7750, -15.2844
Hunter-Lab	57.4227, -11.6814, 3.6131

Details

The XYZ color **28.5693, 32.9737, 35.4307** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.2456, 26.8589, 29.2882**, and the grayscale version is **30.0316, 31.5956, 34.4076**.

A 20% lighter version of the original color is **56.9273, 64.4846, 69.1209**, and **11.6631, 13.8478, 14.8902** is the 20% darker color. If you saturate the color by 10%, you get **25.8178, 31.5971, 33.4513**, and if you desaturate by 10%, it is **31.7275, 34.5602, 37.4986**.

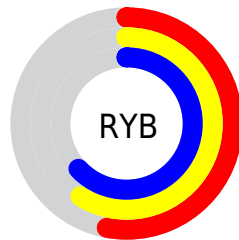
Distribution



Red (53%)

Green (63%)

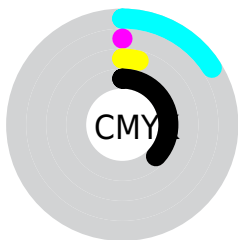
Blue (60%)



Red (53%)

Yellow (59%)

Blue (63%)

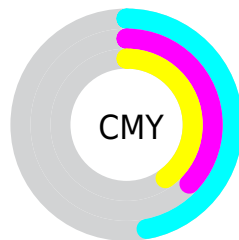


Cyan (16%)

Magenta (0%)

Yellow (4%)

Black (37%)



Cyan (47%)

Magenta (37%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5693, 32.9737, 35.4307 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 28.5693, 32.9737, 35.4307 by changing the saturation by 10% instead.

■ 28.5693, 32.9737,
35.4307

■ 28.5693, 32.9737,
35.4307

287.2083,
315.5312, 341.4272

■ 18.8979, 22.1063,
23.7086

■ 56.7944, 64.3345,
69.3116

■ 11.7001, 13.9350,
14.9074

■ 76.0788, 85.5966,
92.3075

■ 6.6105, 8.0755,
8.6085

■ 99.2982, 111.0925,
119.8984

■ 3.2639, 4.1433,
4.3934

126.8180,
141.2064, 152.5029

■ 1.2948, 1.7540,
1.8436

159.0036,
176.3229, 190.5394

■ 0.1793, 0.4583,
0.4565

196.2203,

■ 0.0000, 0.0000,

216.8263, 234.4267

0.0000

238.8334,
263.1009, 284.5831

■ 28.5693, 32.9737,
35.4307

■ 28.5693, 32.9737,
35.4307

■ 25.8178, 31.5971,
33.4513

■ 31.7275, 34.5602,
37.4986

■ 23.4525, 30.4172,
31.5567

■ 35.3061, 36.3611,
39.6543

■ 21.4553, 29.4257,
29.7460

■ 39.3218, 38.3857,
41.9000

■ 19.8057, 28.6118,
28.0175

■ 43.7892, 40.6416,
44.2369

■ 18.4807, 27.9639,
26.3694

■ 48.7226, 43.1362,
46.6665

■ 17.4550, 27.4688,
24.7997

■ 54.1354, 45.8764,
49.1900

■ 16.6991, 27.1113,
23.3063

■ 60.0406, 48.8687,
51.8087

■ 16.1718, 26.8704,
21.8866

■ 63.1368, 50.4114,
54.3687

■ 15.9945, 26.7905,
21.3577

■ 63.6136, 50.6022,
56.8796

Harmonies

Analogous

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



29.0092, 32.9737, 31.5863



28.5693, 32.9737, 35.4307



28.8523, 32.9737, 39.7107

Triad

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



28.5693, 32.9737, 35.4307



32.6434, 32.9737, 43.7355



32.9389, 32.9737, 29.4797

Complementary

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



28.5693, 32.9737, 35.4307



28.2456, 26.8589, 29.2882

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.



33.9678, 32.9737, 32.3464



28.5693, 32.9737, 35.4307



33.7935, 32.9737, 40.5955

Square

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



28.5693, 32.9737, 35.4307



31.1752, 32.9737, 44.7228



34.2854, 32.9737, 36.3790



31.5064, 32.9737, 28.3260

Rectangle

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



28.5693, 32.9737, 35.4307



29.4179, 32.9737, 42.2026



34.2854, 32.9737, 36.3790



33.3452, 32.9737, 30.2633

Sweetspot

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



28.5702, 32.9751, 35.4314



57.4593, 62.2137, 67.5539



28.3375, 33.0237, 27.8029



12.5140, 13.6003, 14.7609



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



28.5702, 32.9751, 35.4314



49.5063, 58.2219, 62.2978



28.2082, 31.2903, 38.2727



7.1943, 7.9785, 8.6350



12.7913, 21.4029, 17.1496



0.2868, 0.4569, 0.4553

Inverse Universe

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



28.2456, 26.8589, 29.2882



48.8252, 45.3822, 49.4035



28.5431, 28.2691, 26.8744



7.1485, 7.1158, 7.7683



12.1074, 6.1990, 2.4902



0.2730, 0.1377, 0.1502

Previews

White Background



This preview shows how the XYZ color 28.5693, 32.9737, 35.4307 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 28.5693, 32.9737, 35.4307 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

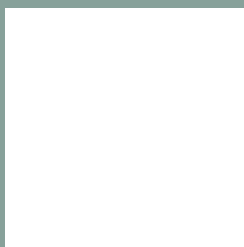
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.5693, 32.9737, 35.4307

Background



This preview shows how black text looks on a background with the XYZ color 28.5693, 32.9737, 35.4307.



This preview shows how white text looks on a background with the XYZ color 28.5693, 32.9737,

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

28.5693, 32.9737, 35.4307

Protanopia

31.3587, 32.6841, 33.5101

Deuteranopia

33.2693, 32.6480, 36.0007



Tritanopia

30.0588, 32.7973, 43.2743

Trichromacy



Original Color

28.5693, 32.9737, 35.4307

Protanomaly

30.2206, 32.8323, 34.0226

Deuteranomaly

31.3766, 32.6459, 35.6579

Tritanomaly

29.5062, 32.8313, 40.3792

Monochromacy



Original Color

28.5693, 32.9737, 35.4307

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.3252, 31.8536, 34.7397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5693, 32.9737, 35.4307 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(135, 161, 154)` looks like.

```
.text, #text, p{  
    color:rgb(135, 161, 154)  
}
```

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(135, 161, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 161, 154) }
```

Border

The CSS property to change the border of an element to XYZ 28.5693, 32.9737, 35.4307 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(135, 161, 154) }
```


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

```
.border{ border-color:rgb(135, 161, 154) }
```

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

Here you see how a box with a 4 pixel rgb(135, 161, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 161, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 161, 154);  
box-shadow:4px 4px 4px 4px rgb(135, 161,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5693, 32.9737, 35.4307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 161, 154) }
```

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

```
.background{ background-color: rgb(135,  
161, 154) }
```

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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