

Converting Colors

XYZ(29.3529, 34.1361, 36.9402)

Have a look what the booklet for
XYZ(29.3529, 34.1361, 36.9402)
contains.

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Color

**XYZ(29.3529, 34.1361,
36.9402)**

Conversions

Conversions Part 1

Format	Color
Hex	87A49D
RGB	135, 164, 157
RGB Percent	53%, 64%, 62%
CMY	0.4706, 0.3568, 0.3843
CMYK	0.18, 0.00, 0.04, 0.36
HSL	166°, 14%, 59%
HSV	166°, 18%, 64%
XYZ	29.3529, 34.1361, 36.9402
YIQ	154.5310, -15.0370, -8.3250

Conversions

Conversions Part 2

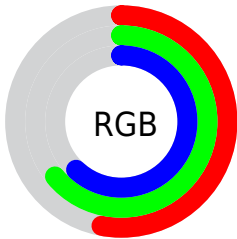
Format	Color
R_{YB}	135, 151, 164
Decimal	8889501
CIE _{Lab}	65.07, -11.47, 0.29
CIE _{LCh}	65, 11.478, 178.569
Yxy	34.1361, 0.2923, 0.3399
Android (android.graphics.Color)	4287079581 (0xFF87A49D)
YUV	154.5310, 1.2172, -17.1287
Hunter-Lab	58.4261, -12.5684, 3.4119

Details

The XYZ color **29.3529, 34.1361, 36.9402** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.8574, 27.1743, 29.3167**, and the grayscale version is **30.9489, 32.5607, 35.4586**.

A 20% lighter version of the original color is **58.2014, 66.2353, 72.0045**, and **12.1420, 14.5602, 15.8061** is the 20% darker color. If you saturate the color by 10%, you get **26.5824, 32.7472, 35.0749**, and if you desaturate by 10%, it is **32.5428, 35.7418, 38.8838**.

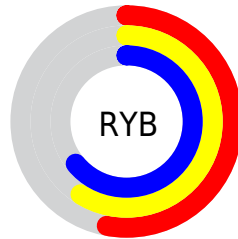
Distribution



Red (53%)

Green (64%)

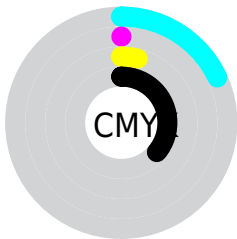
Blue (62%)



Red (53%)

Yellow (59%)

Blue (64%)

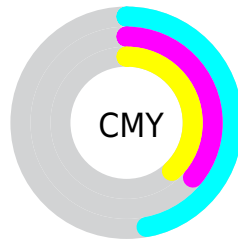


Cyan (18%)

Magenta (0%)

Yellow (4%)

Black (36%)



Cyan (47%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3529, 34.1361, 36.9402 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 29.3529, 34.1361, 36.9402 by changing the saturation by 10% instead.

■ 29.3529, 34.1361,
36.9402

■ 29.3529, 34.1361,
36.9402

290.8407,
320.7385, 348.2124

■ 19.4936, 22.9982,
24.8658

■ 58.0310, 66.1453,
71.6661

■ 12.1336, 14.5922,
15.7590

■ 77.5805, 87.7853,
95.1547

■ 6.9076, 8.5337,
9.2013

■ 101.0907,
113.6948, 123.2850

■ 3.4502, 4.4383,
4.7741

128.9270,
144.2582, 156.4757

■ 1.3961, 1.9216,
2.0589

161.4549,
179.8599, 195.1452

■ 0.2534, 0.5613,
0.5912

199.0395,

■ 0.0000, 0.0000,

220.8842, 239.7122

0.0000

242.0463,
267.7156, 290.5951

■ 29.3529, 34.1361,
36.9402

■ 29.3529, 34.1361,
36.9402

■ 26.5824, 32.7472,
35.0749

■ 32.5428, 35.7418,
38.8838

■ 24.2097, 31.5612,
33.2841

■ 36.1667, 37.5690,
40.9047

■ 22.2157, 30.5692,
31.5672

■ 40.2419, 39.6276,
43.0051

■ 20.5786, 29.7600,
29.9225

■ 44.7841, 41.9256,
45.1860

■ 19.2742, 29.1210,
28.3485

■ 49.8081, 44.4707,
47.4487

■ 18.2752, 28.6383,
26.8432

■ 55.3280, 47.2701,
49.7944

■ 17.5500, 28.2955,
25.4046

■ 61.3574, 50.3308,
52.2243

■ 17.0461, 28.0656,
24.0297

■ 63.6665, 51.4723,
54.5407

■ 16.9400, 28.0177,
23.7193

■ 64.1013, 51.6463,
56.8307

Harmonies

Analogous

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



29.7930, 34.1361, 32.5950



29.3529, 34.1361, 36.9402



29.7176, 34.1361, 41.7215

Triad

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



29.3529, 34.1361, 36.9402



33.9985, 34.1361, 45.8041



34.1413, 34.1361, 29.8900

Complementary

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



29.3529, 34.1361, 36.9402



28.8574, 27.1743, 29.3167

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.



35.3351, 34.1361, 32.9593



29.3529, 34.1361, 36.9402



35.2506, 34.1361, 42.1508

Square

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



29.3529, 34.1361, 36.9402



32.3656, 34.1361, 47.0942



35.7477, 34.1361, 37.3976



32.5253, 34.1361, 28.7455

Rectangle

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



29.3529, 34.1361, 36.9402



30.3753, 34.1361, 44.4650



35.7477, 34.1361, 37.3976



34.6073, 34.1361, 30.7172

Sweetspot

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



29.3539, 34.1375, 36.9410



60.6945, 65.6939, 71.5138



28.8479, 34.0745, 27.9787



13.1766, 14.3154, 15.5816



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.



29.3539, 34.1375, 36.9410



51.3263, 60.9816, 65.7779



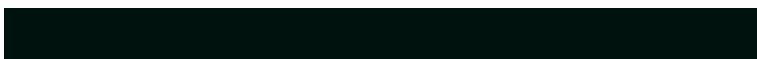
28.7082, 31.8619, 39.7605



7.2027, 7.9819, 8.6790



13.0075, 21.4893, 18.2878



0.2901, 0.4582, 0.4725

Inverse Universe

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



28.8574, 27.1743, 29.3167



50.2647, 46.0818, 49.4673



29.3943, 29.0632, 26.9827



7.1406, 7.1127, 7.7270



12.0436, 6.1735, 2.1542



0.2703, 0.1366, 0.1359

Previews

White Background



This preview shows how the XYZ color 29.3529, 34.1361, 36.9402 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 29.3529, 34.1361, 36.9402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

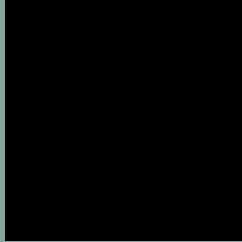
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.3529, 34.1361, 36.9402

Background



This preview shows how black text looks on a background with the XYZ color 29.3529, 34.1361, 36.9402.

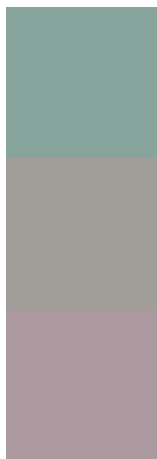


This preview shows how white text looks on a background with the XYZ color 29.3529, 34.1361,

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

29.3529, 34.1361, 36.9402

Protanopia

32.5047, 33.9909, 34.9847

Deuteranopia

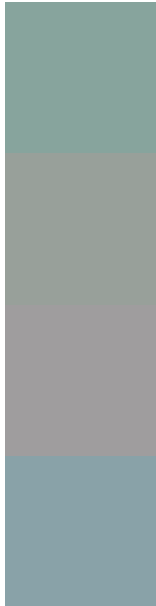
34.6625, 34.0563, 37.5475



Tritanopia

30.8661, 33.9490, 44.9704

Trichromacy



Original Color

29.3529, 34.1361, 36.9402

Protanomaly

31.3524, 34.1501, 35.5110

Deuteranomaly

32.5266, 33.9535, 37.1871

Tritanomaly

30.3047, 33.9862, 42.0085

Monochromacy



Original Color

29.3529, 34.1361, 36.9402

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.4404, 33.1499, 36.2467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3529, 34.1361, 36.9402 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, 164, 157)` looks like.

```
.text, #text, p{  
    color:rgb(135, 164, 157)  
}
```

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, 164, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 164, 157) }
```

Border

The CSS property to change the border of an element to XYZ 29.3529, 34.1361, 36.9402 is called "border". The border property can be set on classes, ids or directly on the HTML element.

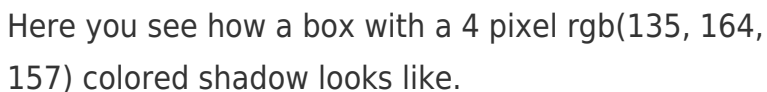
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 164, 157) }
```


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

```
.border{ border-color:rgb(135, 164, 157) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 164, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 164, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 164, 157); box-shadow:4px 4px 4px 4px rgb(135, 164, 157) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3529, 34.1361, 36.9402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 164, 157) }
```

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

```
.background{ background-color: rgb(135,  
164, 157) }
```

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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