

Converting Colors

XYZ(29.4969, 37.1488, 36.3012)

Have a look what the booklet for
XYZ(29.4969, 37.1488, 36.3012)
contains.

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Color

**XYZ(29.6202, 37.3530,
36.2206)**

Conversions

Conversions Part 1

Format	Color
Hex	7DAF9A
RGB	125, 175, 154
RGB Percent	49%, 69%, 60%
CMY	0.5098, 0.3137, 0.3961
CMYK	0.29, 0.00, 0.12, 0.31
HSL	155°, 24%, 59%
HSV	155°, 29%, 69%
XYZ	29.6202, 37.3530, 36.2206
YIQ	157.6560, -23.0590, -17.1310

Conversions

Conversions Part 2

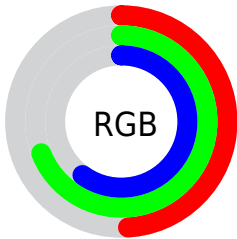
Format	Color
RYB	125, 157, 175
Decimal	8236954
CIELab	67.54, -21.10, 5.46
CIElCh	68, 21.795, 165.498
Yxy	37.3530, 0.2870, 0.3620
Android (android.graphics.Color)	4286427034 (0xFF7DAF9A)
YUV	157.6560, -1.8024, -28.6393
Hunter-Lab	61.1171, -20.4455, 7.6442

Details

The XYZ color **29.6202, 37.3530, 36.2206** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **30.2024, 25.8575, 30.5949**, and the grayscale version is **32.3598, 34.0451, 37.0751**.

A 20% lighter version of the original color is **58.5515, 71.2896, 70.3488**, and **12.2318, 16.3542, 15.3440** is the 20% darker color. If you saturate the color by 10%, you get **26.6936, 35.9139, 32.9855**, and if you desaturate by 10%, it is **33.0365, 39.0422, 39.6759**.

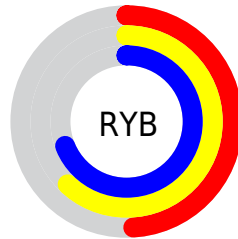
Distribution



Red (49%)

Green (69%)

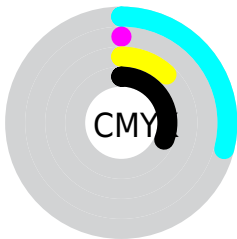
Blue (60%)



Red (49%)

Yellow (62%)

Blue (69%)

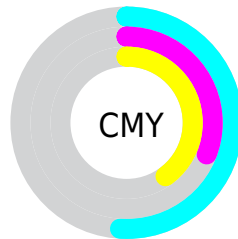


Cyan (29%)

Magenta (0%)

Yellow (12%)

Black (31%)



Cyan (51%)

Magenta (31%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6202, 37.3530, 36.2206 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 29.6202, 37.3530, 36.2206 by changing the saturation by 10% instead.

■ 29.6202, 37.3530,
36.2206

■ 29.6202, 37.3530,
36.2206

292.0718,
334.8363, 344.9902

■ 19.6971, 25.4809,
24.3136

■ 58.4518, 71.1154,
70.5453

■ 12.2821, 16.4357,
15.3520

■ 78.0910, 93.7744,
93.8000

■ 7.0096, 9.8330,
8.9175

■ 101.6997,
120.7980, 121.6745

■ 3.5145, 5.2884,
4.5913

129.6431,
152.5704, 154.5871

■ 1.4313, 2.4174,
1.9550

162.2867,
189.4760, 192.9564

■ 0.2784, 0.8348,
0.5274

199.9957,

■ 0.0000, 0.0000,

231.8993, 237.2010

0.0000

243.1357,
280.2246, 287.7395

■ 29.6202, 37.3530,
36.2206

■ 29.6202, 37.3530,
36.2206

■ 26.6936, 35.9139,
32.9855

■ 33.0365, 39.0422,
39.6759

■ 24.2294, 34.7079,
29.9635

■ 36.9619, 40.9886,
43.3534

■ 22.2020, 33.7229,
27.1507

■ 41.4187, 43.2043,
47.2582

■ 20.5823, 32.9440,
24.5420

■ 46.4266, 45.6996,
51.3945

■ 19.3372, 32.3541,
22.1321

■ 52.0044, 48.4841,
55.7661

■ 18.4280, 31.9336,
19.9152

■ 58.1703, 51.5670,
60.3772

■ 17.7874, 31.6476,
17.8842

■ 64.9411, 54.9571,
65.2315

■ 17.7040, 31.6106,
17.6084

■ 68.5563, 56.7155,
70.1559

■ 69.5097, 57.0969,
75.1765

Harmonies

Analogous

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



31.1006, 37.3530, 29.0538



29.6202, 37.3530, 36.2206



29.6459, 37.3530, 45.8065

Triad

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



29.6202, 37.3530, 36.2206



37.2535, 37.3530, 61.1831



40.2161, 37.3530, 28.8730

Complementary

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



29.6202, 37.3530, 36.2206



30.2024, 25.8575, 30.5949

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.



42.0846, 37.3530, 35.9346



29.6202, 37.3530, 36.2206



40.3022, 37.3530, 55.0335

Square

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



29.6202, 37.3530, 36.2206



33.9129, 37.3530, 61.2921



42.1171, 37.3530, 45.4719



37.1419, 37.3530, 25.2872

Rectangle

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



29.6202, 37.3530, 36.2206



30.5088, 37.3530, 52.3615



42.1171, 37.3530, 45.4719



41.0143, 37.3530, 30.8646

Sweetspot

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



29.6212, 37.3545, 36.2214



65.7583, 73.1892, 77.2454



31.0058, 38.3145, 25.1640



14.3807, 16.1506, 16.9543



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



29.6212, 37.3545, 36.2214



49.7922, 65.2940, 61.3358



30.8857, 36.8350, 46.0412



8.0919, 9.0143, 9.5089



12.7091, 22.6489, 12.7738



0.3801, 0.6407, 0.4950

Inverse Universe

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



30.2024, 25.8575, 30.5949



50.9991, 41.4531, 49.6764



29.1448, 26.1211, 22.9085



8.1396, 8.0691, 9.0458



13.5633, 6.8878, 5.3456



0.4050, 0.2027, 0.2946

Previews

White Background



This preview shows how the XYZ color 29.6202, 37.3530, 36.2206 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 29.6202, 37.3530, 36.2206 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

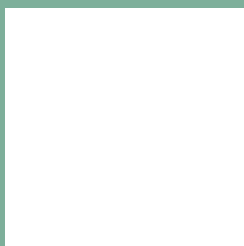
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.6202, 37.3530, 36.2206

Background



This preview shows how black text looks on a background with the XYZ color 29.6202, 37.3530, 36.2206.

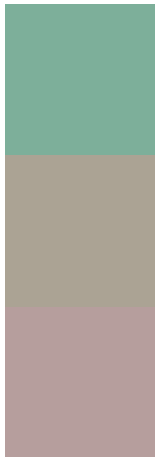


This preview shows how white text looks on a background with the XYZ color 29.6202, 37.3530,

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

29.6202, 37.3530, 36.2206

Protanopia

35.2371, 36.9904, 33.2996

Deuteranopia

37.6041, 36.8331, 37.0258



Tritanopia

32.5747, 37.4118, 50.8517

Trichromacy



Original Color

29.6202, 37.3530, 36.2206

Protanomaly

32.6502, 36.7095, 34.2189

Deuteranomaly

33.9742, 36.5283, 36.7125

Tritanomaly

31.3486, 37.1893, 45.0612

Monochromacy



Original Color

29.6202, 37.3530, 36.2206

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.2153, 35.0962, 37.0273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6202, 37.3530, 36.2206 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(125, 175, 154)` looks like.

```
.text, #text, p{  
    color:rgb(125, 175, 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(125, 175, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 175, 154) }
```

Border

The CSS property to change the border of an element to XYZ 29.6202, 37.3530, 36.2206 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(125, 175, 154) }
```


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

```
.border{ border-color:rgb(125, 175, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 175, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 175, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 175, 154);  
box-shadow:4px 4px 4px 4px rgb(125, 175,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6202, 37.3530, 36.2206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 175, 154) }
```

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

```
.background{ background-color: rgb(125,  
175, 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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