

Converting Colors

XYZ(29.2842, 36.5534, 43.9755)

Have a look what the booklet for
XYZ(29.2842, 36.5534, 43.9755)
contains.

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Color

**XYZ(29.2337, 36.4048,
44.0141)**

Conversions

Conversions Part 1

Format	Color
Hex	72ADAB
RGB	114, 173, 171
RGB Percent	45%, 68%, 67%
CMY	0.5529, 0.3216, 0.3294
CMYK	0.34, 0.00, 0.01, 0.32
HSL	178°, 26%, 56%
HSV	178°, 34%, 68%
XYZ	29.2337, 36.4048, 44.0141
YIQ	155.1310, -34.5220, -13.1300

Conversions

Conversions Part 2

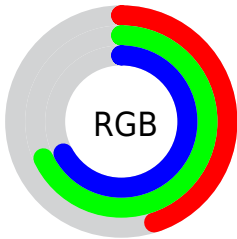
Format	Color
RYB	114, 144, 173
Decimal	7515563
CIELab	66.83, -19.51, -5.07
CIELCh	67, 20.157, 194.574
Yxy	36.4048, 0.2666, 0.3320
Android (android.graphics.Color)	4285705643 (0xFF72ADAB)
YUV	155.1310, 7.8234, -36.0719
Hunter-Lab	60.3364, -19.1033, -1.0153

Details

The XYZ color **29.2337, 36.4048, 44.0141** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.4046, 22.1809, 19.4141**, and the grayscale version is **31.1920, 32.8164, 35.7370**.

A 20% lighter version of the original color is **57.8952, 69.8544, 82.3834**, and **12.0329, 15.7890, 19.8661** is the 20% darker color. If you saturate the color by 10%, you get **27.1372, 35.3314, 43.6253**, and if you desaturate by 10%, it is **31.7582, 37.7006, 44.4258**.

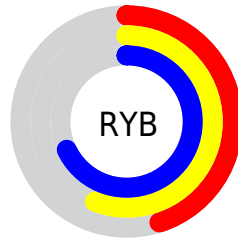
Distribution



Red (45%)

Green (68%)

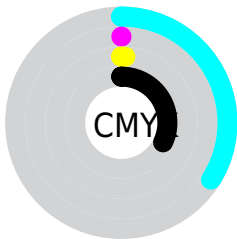
Blue (67%)



Red (45%)

Yellow (56%)

Blue (68%)

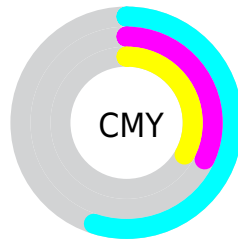


Cyan (34%)

Magenta (0%)

Yellow (1%)

Black (32%)



Cyan (55%)

Magenta (32%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2337, 36.4048, 44.0141 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 29.2337, 36.4048, 44.0141 by changing the saturation by 10% instead.

■ 29.2337, 36.4048,
44.0141

■ 29.2337, 36.4048,
44.0141

290.2904,
330.7264, 378.8089

■ 19.4029, 24.7470,
30.3443

■ 57.8432, 69.6564,
82.5417

■ 12.0675, 15.8887,
19.8458

■ 77.3525, 92.0190,
108.2365

■ 6.8622, 9.4454,
12.1001

■ 100.8187,
118.7186, 138.7768

■ 3.4216, 5.0328,
6.6885

128.6072,
150.1397, 174.5811

■ 1.3804, 2.2665,
3.1926

161.0832,
186.6666, 216.0679

■ 0.2422, 0.7559,
1.1938

198.6122,

■ 0.0000, 0.0000,

228.6838, 263.6558

0.0000

241.5595,
276.5756, 317.7632

■ 29.2337, 36.4048,
44.0141

■ 29.2337, 36.4048,
44.0141

■ 27.1372, 35.3314,
43.6253

■ 31.7582, 37.7006,
44.4258

■ 25.4415, 34.4636,
43.2558

■ 34.7296, 39.2260,
44.8589

■ 24.1212, 33.7894,
42.9051

■ 38.1697, 40.9929,
45.3153

■ 23.1465, 33.2933,
42.5719

■ 42.0979, 43.0113,
45.7958

■ 22.4836, 32.9579,
42.2546

■ 46.5323, 45.2908,
46.3013

■ 22.0913, 32.7619,
41.9512

■ 51.4904, 47.8401,
46.8326

■ 21.9315, 32.6833,
41.7763

■ 56.9885, 50.6679,
47.3905

■ 63.0426, 53.7822,
47.9757

■ 64.0488, 54.2942,
48.3260

Harmonies

Analogous

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



29.2539, 36.4048, 35.3395



29.2337, 36.4048, 44.0141



30.5924, 36.4048, 52.6245

Triad

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



29.2337, 36.4048, 44.0141



38.8802, 36.4048, 52.8379



36.1841, 36.4048, 25.5600

Complementary

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



29.2337, 36.4048, 44.0141



26.4046, 22.1809, 19.4141

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.



38.9468, 36.4048, 28.9868



29.2337, 36.4048, 44.0141



40.5645, 36.4048, 44.2730

Square

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



29.2337, 36.4048, 44.0141



36.0975, 36.4048, 58.2039



40.5895, 36.4048, 35.5632



33.1477, 36.4048, 25.5118

Rectangle

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



29.2337, 36.4048, 44.0141



32.1459, 36.4048, 56.8125



40.5895, 36.4048, 35.5632



37.1795, 36.4048, 26.3297

Sweetspot

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



29.2348, 36.4063, 44.0149



64.5152, 71.4398, 80.6532



25.3114, 34.8819, 21.3193



13.8434, 15.4345, 17.5039



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.



29.2348, 36.4063, 44.0149



49.4293, 63.6994, 78.2911



24.8318, 27.2926, 43.4960



8.2244, 9.0673, 10.2068



16.1158, 24.0116, 30.7131



0.4519, 0.6694, 0.8731

Inverse Universe

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



26.4046, 22.1809, 19.4141



43.5794, 34.2853, 27.4341



29.7308, 29.0177, 19.9544



8.0158, 8.0196, 8.3943



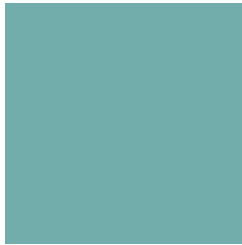
12.6886, 6.5380, 0.7398



0.3565, 0.1833, 0.0389

Previews

White Background



This preview shows how the XYZ color 29.2337, 36.4048, 44.0141 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 29.2337, 36.4048, 44.0141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

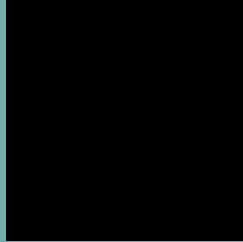
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.2337, 36.4048, 44.0141

Background



This preview shows how black text looks on a background with the XYZ color 29.2337, 36.4048, 44.0141.

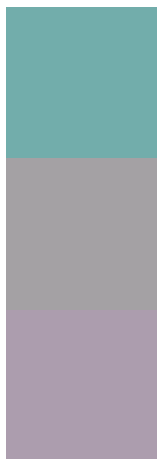


This preview shows how white text looks on a background with the XYZ color 29.2337, 36.4048,

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

29.2337, 36.4048, 44.0141

Protanopia

34.7556, 36.0626, 40.2509

Deuteranopia

36.7102, 35.9406, 45.0468



Tritanopia

30.6560, 36.4105, 51.3111

Trichromacy



Original Color

29.2337, 36.4048, 44.0141

Protanomaly

32.2842, 35.8113, 41.7699

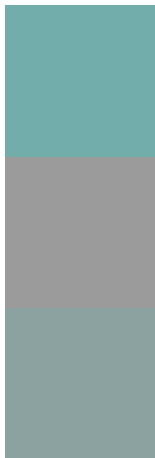
Deuteranomaly

33.4025, 35.7908, 44.6830

Tritanomaly

30.1932, 36.5133, 48.6364

Monochromacy



Original Color

29.2337, 36.4048, 44.0141

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.1686, 33.9893, 38.6888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2337, 36.4048, 44.0141 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(114, 173, 171)` looks like.

```
.text, #text, p{  
    color:rgb(114, 173, 171)  
}
```

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(114, 173, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 173, 171) }
```

Border

The CSS property to change the border of an element to XYZ 29.2337, 36.4048, 44.0141 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(114, 173, 171) }
```


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

```
.border{ border-color:rgb(114, 173, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 173, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 173, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 173, 171);  
box-shadow:4px 4px 4px 4px rgb(114, 173,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2337, 36.4048, 44.0141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 173, 171) }
```

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

```
.background{ background-color: rgb(114,  
173, 171) }
```

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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