

Converting Colors

XYZ(28.5372, 35.1533, 36.5084)

Have a look what the booklet for
XYZ(28.5372, 35.1533, 36.5084)
contains.

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Color

**XYZ(28.4165, 35.0276,
36.2736)**

Conversions

Conversions Part 1

Format	Color
Hex	7CA99B
RGB	124, 169, 155
RGB Percent	49%, 66%, 61%
CMY	0.5137, 0.3372, 0.3922
CMYK	0.27, 0.00, 0.08, 0.34
HSL	161°, 21%, 57%
HSV	161°, 27%, 66%
XYZ	28.4165, 35.0276, 36.2736
YIQ	153.9490, -22.3260, -13.8940

Conversions

Conversions Part 2

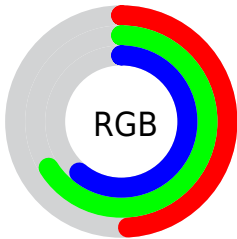
Format	Color
RYB	124, 151, 169
Decimal	8169883
CIELab	65.77, -18.12, 2.34
CIELCh	66, 18.273, 172.652
Yxy	35.0276, 0.2850, 0.3513
Android (android.graphics.Color)	4286359963 (0xFF7CA99B)
YUV	153.9490, 0.5181, -26.2653
Hunter-Lab	59.1841, -17.8677, 5.0904

Details

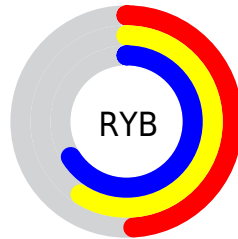
The XYZ color **28.4165, 35.0276, 36.2736** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.1585, 24.6861, 27.3269**, and the grayscale version is **30.6984, 32.2971, 35.1715**.

A 20% lighter version of the original color is **56.5244, 67.3797, 70.3480**, and **11.6840, 15.1779, 15.4105** is the 20% darker color. If you saturate the color by 10%, you get **25.7485, 33.7030, 33.8939**, and if you desaturate by 10%, it is **31.5243, 36.5785, 38.7758**.

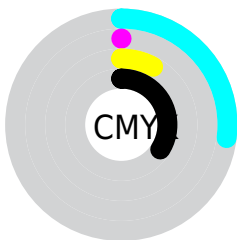
Distribution



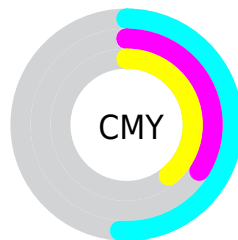
- Red (49%)
- Green (66%)
- Blue (61%)



- Red (49%)
- Yellow (59%)
- Blue (66%)



- Cyan (27%)
- Magenta (0%)
- Yellow (8%)
- Black (34%)



- Cyan (51%)
- Magenta (34%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4165, 35.0276, 36.2736 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 28.4165, 35.0276, 36.2736 by changing the saturation by 10% instead.

■ 28.4165, 35.0276,
36.2736

■ 28.4165, 35.0276,
36.2736

286.4959,
324.6901, 345.2283

■ 18.7819, 23.6841,
24.3542

■ 56.5527, 67.5285,
70.6279

■ 11.6159, 15.0995,
15.3820

■ 75.7851, 89.4548,
93.9000

■ 6.5530, 8.8892,
8.9383

■ 98.9474, 115.6774,
121.7933

■ 3.2280, 4.6690,
4.6047

126.4050,
146.5808, 154.7265

■ 1.2754, 2.0544,
1.9626

158.5233,
182.5494, 193.1180

■ 0.1647, 0.6388,
0.5321

195.6677,

■ 0.0000, 0.0000,

223.9676, 237.3865

0.0000

238.2034,
271.2197, 287.9504

■ 28.4165, 35.0276,
36.2736

■ 28.4165, 35.0276,
36.2736

■ 25.7485, 33.7030,
33.8939

■ 31.5243, 36.5785,
38.7758

■ 23.4958, 32.5894,
31.6320

■ 35.0891, 38.3618,
41.4003

■ 21.6358, 31.6762,
29.4864

■ 39.1305, 40.3886,
44.1500

■ 20.1427, 30.9499,
27.4545

■ 43.6663, 42.6679,
47.0268

■ 18.9875, 30.3957,
25.5337

■ 48.7134, 45.2085,
50.0329

■ 18.1363, 29.9961,
23.7209

■ 54.2877, 48.0184,
53.1700

■ 17.5414, 29.7266,
22.0126

■ 60.4044, 51.1057,
56.4400

■ 17.3654, 29.6480,
21.4583

■ 65.5146, 53.6717,
59.7716

■ 66.1282, 53.9171,
63.0025

Harmonies

Analogous

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



29.3435, 35.0276, 29.8312



28.4165, 35.0276, 36.2736



28.7389, 35.0276, 44.1405

Triad

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



28.4165, 35.0276, 36.2736



35.3271, 35.0276, 53.5277



36.5340, 35.0276, 27.5227

Complementary

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



28.4165, 35.0276, 36.2736



28.1585, 24.6861, 27.3269

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.



38.3038, 35.0276, 32.7079



28.4165, 35.0276, 36.2736



37.5812, 35.0276, 47.8619

Square

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



28.4165, 35.0276, 36.2736



32.6348, 35.0276, 54.8192



38.6970, 35.0276, 40.0675



33.9594, 35.0276, 25.2405

Rectangle

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



28.4165, 35.0276, 36.2736



29.6275, 35.0276, 49.0954



38.6970, 35.0276, 40.0675



37.2483, 35.0276, 28.9476

Sweetspot

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



28.4175, 35.0290, 36.2744



61.8183, 68.1892, 73.4157



28.3498, 35.2573, 24.3804



13.2634, 14.7570, 15.8501



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.4175, 35.0290, 36.2744



47.9583, 61.2735, 62.4023



28.1759, 32.5534, 42.3363



7.6467, 8.4917, 9.1256



12.9666, 22.1054, 16.1229



0.3369, 0.5464, 0.5050

Inverse Universe

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



28.1585, 24.6861, 27.3269



47.4176, 39.5795, 43.6481



28.2866, 26.4616, 22.6859



7.6237, 7.5793, 8.3355



12.6882, 6.4840, 3.1695



0.3315, 0.1669, 0.1970

Previews

White Background



This preview shows how the XYZ color 28.4165, 35.0276, 36.2736 looks on a white background.

Color Contrast Check

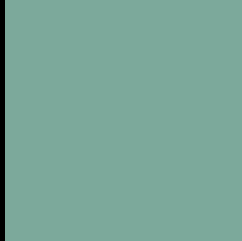
Large Text (above 18pt) WCAG AA × Fail

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 28.4165, 35.0276, 36.2736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

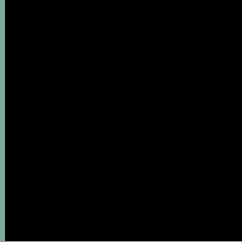
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.4165, 35.0276, 36.2736

Background



This preview shows how black text looks on a background with the XYZ color 28.4165, 35.0276, 36.2736.



This preview shows how white text looks on a background with the XYZ color 28.4165, 35.0276,

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

28.4165, 35.0276, 36.2736

Protanopia

33.1328, 34.8587, 33.4159

Deuteranopia

35.4064, 34.6938, 37.1782



Tritanopia

30.8262, 35.1942, 47.8163

Trichromacy



Original Color

28.4165, 35.0276, 36.2736

Protanomaly

31.0775, 34.8183, 34.3608

Deuteranomaly

32.1942, 34.2985, 36.8217

Tritanomaly

29.8268, 35.0517, 43.2238

Monochromacy



Original Color

28.4165, 35.0276, 36.2736

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.5586, 32.9690, 35.3776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4165, 35.0276, 36.2736 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(124, 169, 155)` looks like.

```
.text, #text, p{  
    color:rgb(124, 169, 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(124, 169, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 169, 155) }
```

Border

The CSS property to change the border of an element to XYZ 28.4165, 35.0276, 36.2736 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(124, 169, 155) }
```


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

```
.border{ border-color:rgb(124, 169, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 169, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 169, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 169, 155);  
box-shadow:4px 4px 4px 4px rgb(124, 169,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4165, 35.0276, 36.2736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 169, 155) }
```

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

```
.background{ background-color: rgb(124,  
169, 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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