

Converting Colors

XYZ(28.1191, 33.9121, 28.5071)

Have a look what the booklet for
XYZ(28.1191, 33.9121, 28.5071)
contains.

XYZ(28.0524, 33.9221, 28.3616)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.0524, 33.9221,
28.3616)**

Conversions

Conversions Part 1

Format	Color
Hex	88A588
RGB	136, 165, 136
RGB Percent	53%, 65%, 53%
CMY	0.4667, 0.3529, 0.4667
CMYK	0.18, 0.00, 0.18, 0.35
HSL	120°, 14%, 59%
HSV	120°, 18%, 65%
XYZ	28.0524, 33.9221, 28.3616
YIQ	153.0230, -7.9750, -15.1670

Conversions

Conversions Part 2

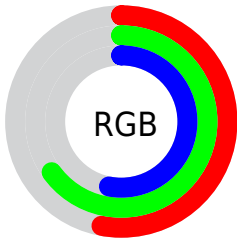
Format	Color
RYB	136, 165, 165
Decimal	8955272
CIELab	64.90, -15.81, 11.76
CIELCh	65, 19.701, 143.367
Yxy	33.9221, 0.3105, 0.3755
Android (android.graphics.Color)	4287145352 (0xFF88A588)
YUV	153.0230, -8.3923, -14.9292
Hunter-Lab	58.2427, -15.9507, 11.8983

Details

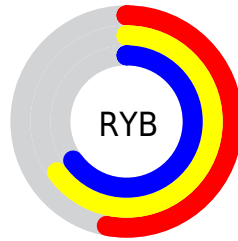
The XYZ color **28.0524, 33.9221, 28.3616** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.1139, 28.3250, 39.4263**, and the grayscale version is **30.3269, 31.9062, 34.7459**.

A 20% lighter version of the original color is **56.0137, 65.8077, 57.8940**, and **11.4226, 14.4606, 10.9932** is the 20% darker color. If you saturate the color by 10%, you get **24.4924, 32.2131, 22.5378**, and if you desaturate by 10%, it is **32.2074, 35.9190, 35.1571**.

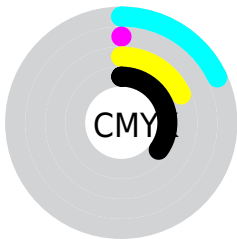
Distribution



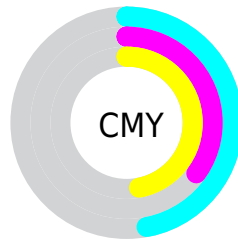
- Red (53%)
- Green (65%)
- Blue (53%)



- Red (53%)
- Yellow (65%)
- Blue (65%)



- Cyan (18%)
- Magenta (0%)
- Yellow (18%)
- Black (35%)



- Cyan (47%)
- Magenta (35%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0524, 33.9221, 28.3616 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 28.0524, 33.9221, 28.3616 by changing the saturation by 10% instead.

■ 28.0524, 33.9221,
28.3616

■ 28.0524, 33.9221,
28.3616

284.7928,
319.7846, 308.1569

■ 18.5058, 22.8338,
18.3570

■ 55.9761, 65.8125,
58.0913

■ 11.4156, 14.4708,
11.0345

■ 75.0840, 87.3834,
78.6534

■ 6.4165, 8.4488,
5.9756

■ 98.1097, 113.2172,
103.5718

■ 3.1430, 4.3835,
2.7617

125.4186,
143.6984, 133.2651

■ 1.2298, 1.8903,
0.9743

157.3759,
179.2113, 168.1517

■ 0.1297, 0.5425,
0.0000

194.3472,

■ 0.0000, 0.0000,

220.1404, 208.6501

0.0000

236.6977,
266.8700, 255.1790

■ 28.0524, 33.9221,
28.3616

■ 28.0524, 33.9221,
28.3616

■ 24.4924, 32.2131,
22.5378

■ 32.2074, 35.9190,
35.1571

■ 21.4976, 30.7745,
17.6392

■ 36.9799, 38.2114,
42.9634

■ 19.0397, 29.5939,
13.6190

■ 42.3947, 40.8125,
51.8203

■ 17.0871, 28.6559,
10.4250

■ 48.4745, 43.7329,
61.7647

■ 15.6046, 27.9438,
8.0001

■ 55.2405, 46.9830,
72.8317

■ 14.5526, 27.4385,
6.2795

■ 62.7135, 50.5726,
85.0550

■ 13.8853, 27.1179,
5.1879

■ 70.9130, 54.5112,
98.4666

■ 13.5278, 26.9462,
4.6030

■ 72.7458, 55.3916,
101.4653

■ 13.4558, 26.9116,
4.4853

Harmonies

Analogous

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



30.1227, 33.9221, 24.3505



28.0524, 33.9221, 28.3616



27.1126, 33.9221, 35.1568

Triad

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



28.0524, 33.9221, 28.3616



31.6148, 33.9221, 54.7646



37.5233, 33.9221, 31.0693

Complementary

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



28.0524, 33.9221, 28.3616



31.1139, 28.3250, 39.4263

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.



37.9805, 33.9221, 38.7730



28.0524, 33.9221, 28.3616



34.4583, 33.9221, 53.2461

Square

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



28.0524, 33.9221, 28.3616



29.0898, 33.9221, 50.9721



36.8291, 33.9221, 47.0833



35.6139, 33.9221, 25.7458

Rectangle

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



28.0524, 33.9221, 28.3616



27.2120, 33.9221, 40.6730



36.8291, 33.9221, 47.0833



37.8563, 33.9221, 33.4341

Sweetspot

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



28.0533, 33.9235, 28.3623



59.6975, 65.2951, 66.2635



33.4176, 36.6890, 28.6132



12.9315, 14.2174, 14.2910



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.



28.0533, 33.9235, 28.3623



47.6882, 59.5264, 46.6201



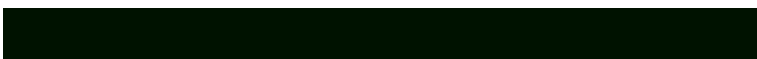
29.1549, 34.3642, 34.1630



6.9856, 7.8950, 7.5358



10.1790, 20.3579, 3.3930



0.2139, 0.4278, 0.0713

Inverse Universe

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



31.1139, 28.3250, 39.4263



54.1816, 47.6486, 70.0933



29.8677, 27.8265, 32.8635



7.3644, 7.2022, 8.9051



16.8765, 8.1067, 27.6042



0.3546, 0.1703, 0.5800

Previews

White Background



This preview shows how the XYZ color 28.0524, 33.9221, 28.3616 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 28.0524, 33.9221, 28.3616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

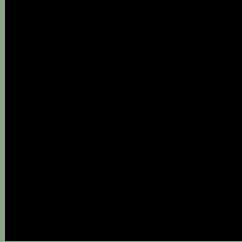
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.0524, 33.9221, 28.3616

Background



This preview shows how black text looks on a background with the XYZ color 28.0524, 33.9221, 28.3616.



This preview shows how white text looks on a background with the XYZ color 28.0524, 33.9221,

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

28.0524, 33.9221, 28.3616

Protanopia

31.9477, 33.8869, 26.6868

Deuteranopia

34.3172, 33.5810, 29.0992



Tritanopia

31.2690, 33.9095, 44.4323

Trichromacy



Original Color

28.0524, 33.9221, 28.3616

Protanomaly

30.3220, 33.8036, 27.1169

Deuteranomaly

31.5802, 33.3984, 28.8268

Tritanomaly

30.0807, 33.9542, 38.2261

Monochromacy



Original Color

28.0524, 33.9221, 28.3616

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.3561, 32.4236, 32.3149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0524, 33.9221, 28.3616 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(136, 165, 136)` looks like.

```
.text, #text, p{  
    color:rgb(136, 165, 136)  
}
```

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(136, 165, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 165, 136) }
```

Border

The CSS property to change the border of an element to XYZ 28.0524, 33.9221, 28.3616 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(136, 165, 136) }
```


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

```
.border{ border-color:rgb(136, 165, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 165, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 165, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 165, 136);  
box-shadow:4px 4px 4px 4px rgb(136, 165,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0524, 33.9221, 28.3616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 165, 136) }
```

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

```
.background{ background-color: rgb(136,  
165, 136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor