

Converting Colors

XYZ(28.2386, 36.0073, 36.8379)

Have a look what the booklet for
XYZ(28.2386, 36.0073, 36.8379)
contains.

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Color

**XYZ(28.2804, 36.0693,
36.9240)**

Conversions

Conversions Part 1

Format	Color
Hex	75AD9C
RGB	117, 173, 156
RGB Percent	46%, 68%, 61%
CMY	0.5412, 0.3216, 0.3882
CMYK	0.32, 0.00, 0.10, 0.32
HSL	162°, 25%, 57%
HSV	162°, 32%, 68%
XYZ	28.2804, 36.0693, 36.9240
YIQ	154.3180, -27.9190, -17.1590

Conversions

Conversions Part 2

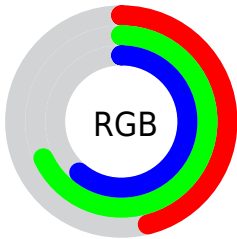
Format	Color
RYB	117, 150, 173
Decimal	7712156
CIELab	66.57, -22.12, 2.90
CIELCh	67, 22.307, 172.537
Yxy	36.0693, 0.2792, 0.3562
Android (android.graphics.Color)	4285902236 (0xFF75AD9C)
YUV	154.3180, 0.8292, -32.7279
Hunter-Lab	60.0577, -21.0477, 5.5884

Details

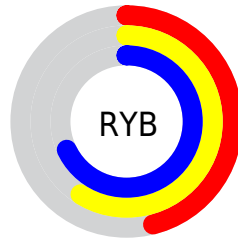
The XYZ color **28.2804, 36.0693, 36.9240** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.8991, 23.3289, 25.5881**, and the grayscale version is **30.8609, 32.4681, 35.3577**.

A 20% lighter version of the original color is **56.4468, 69.3497, 71.3835**, and **11.5130, 15.6111, 15.7710** is the 20% darker color. If you saturate the color by 10%, you get **25.7323, 34.8069, 34.5335**, and if you desaturate by 10%, it is **31.2794, 37.5638, 39.4375**.

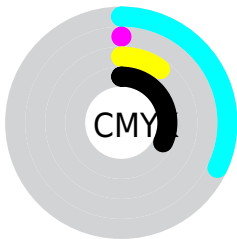
Distribution



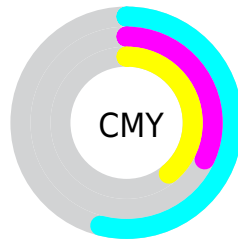
- Red (46%)
- Green (68%)
- Blue (61%)



- Red (46%)
- Yellow (59%)
- Blue (68%)



- Cyan (32%)
- Magenta (0%)
- Yellow (10%)
- Black (32%)



- Cyan (54%)
- Magenta (32%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2804, 36.0693, 36.9240 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 28.2804, 36.0693, 36.9240 by changing the saturation by 10% instead.

■ 28.2804, 36.0693,
36.9240

■ 28.2804, 36.0693,
36.9240

285.8602,
329.2633, 348.1401

■ 18.6787, 24.4877,
24.8533

■ 56.3373, 69.1390,
71.6409

■ 11.5409, 15.6958,
15.7498

■ 75.5232, 91.3959,
95.1242

■ 6.5019, 9.3092,
9.1948

■ 98.6346, 117.9801,
123.2488

■ 3.1961, 4.9434,
4.7699

126.0367,
149.2759, 156.4333

■ 1.2583, 2.2141,
2.0566

158.0950,
185.6677, 195.0961

■ 0.1517, 0.7277,
0.5897

195.1747,

■ 0.0000, 0.0000,

227.5400, 239.6558

0.0000

237.6414,
275.2771, 290.5310

■ 28.2804, 36.0693,
36.9240

■ 28.2804, 36.0693,
36.9240

■ 25.7323, 34.8069,
34.5335

■ 31.2794, 37.5638,
39.4375

■ 23.6081, 33.7600,
32.2613

■ 34.7483, 39.2973,
42.0739

■ 21.8825, 32.9163,
30.1056

■ 38.7087, 41.2819,
44.8362

■ 20.5263, 32.2610,
28.0638

■ 43.1802, 43.5277,
47.7264

■ 19.5061, 31.7767,
26.1330

■ 48.1809, 46.0440,
50.7466

■ 18.7821, 31.4431,
24.3099

■ 53.7282, 48.8397,
53.8988

■ 18.3636, 31.2561,
22.9875

■ 59.8388, 51.9235,
57.1848

■ 66.3796, 55.2265,
60.5995

■ 66.9962, 55.4732,
63.8467

Harmonies

Analogous

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



29.4167, 36.0693, 29.0808



28.2804, 36.0693, 36.9240



28.6671, 36.0693, 46.7824

Triad

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



28.2804, 36.0693, 36.9240



36.8132, 36.0693, 58.9109



38.3549, 36.0693, 26.3671

Complementary

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



28.2804, 36.0693, 36.9240



27.8991, 23.3289, 25.5881

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.



40.5878, 36.0693, 32.6142



28.2804, 36.0693, 36.9240



39.6580, 36.0693, 51.6062

Square

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



28.2804, 36.0693, 36.9240



33.4523, 36.0693, 60.5686



41.0795, 36.0693, 41.7203



35.1269, 36.0693, 23.6655

Rectangle

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



28.2804, 36.0693, 36.9240



29.7491, 36.0693, 53.1227



41.0795, 36.0693, 41.7203



39.2551, 36.0693, 28.0681

Sweetspot

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



28.2814, 36.0708, 36.9248



63.7105, 71.1179, 76.4161



28.1044, 36.3018, 22.3559



13.6458, 15.3554, 16.4634



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.



28.2814, 36.0708, 36.9248



47.2343, 62.9045, 62.9757



27.9299, 32.9001, 44.4151



8.1312, 9.0300, 9.7158



13.5165, 22.9719, 17.0253



0.3988, 0.6482, 0.5936

Inverse Universe

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



27.8991, 23.3289, 25.5881



46.4454, 36.4303, 39.4477



28.0694, 25.4173, 20.2568



8.1016, 8.0539, 8.8459



13.1474, 6.7215, 3.1559



0.3904, 0.1968, 0.2175

Previews

White Background



This preview shows how the XYZ color 28.2804, 36.0693, 36.9240 looks on a white background.

Color Contrast Check

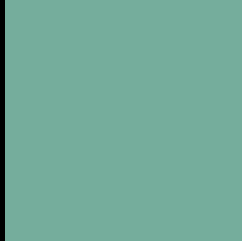
Large Text (above 18pt) WCAG AA × Fail

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 28.2804, 36.0693, 36.9240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

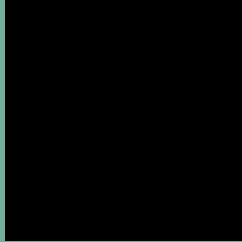
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.2804, 36.0693, 36.9240

Background



This preview shows how black text looks on a background with the XYZ color 28.2804, 36.0693, 36.9240.

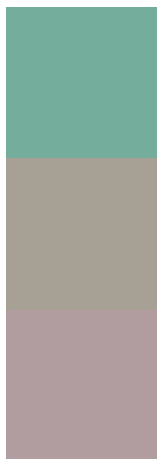


This preview shows how white text looks on a background with the XYZ color 28.2804, 36.0693,

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

28.2804, 36.0693, 36.9240

Protanopia

34.1060, 35.8752, 33.5608

Deuteranopia

36.3651, 35.6621, 38.2245



Tritanopia

30.9036, 36.0058, 50.1208

Trichromacy



Original Color

28.2804, 36.0693, 36.9240

Protanomaly

31.5171, 35.5668, 34.9097

Deuteranomaly

32.6959, 35.3124, 37.8936

Tritanomaly

29.8027, 35.8315, 44.8806

Monochromacy



Original Color

28.2804, 36.0693, 36.9240

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.6458, 33.5190, 35.9177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2804, 36.0693, 36.9240 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(117, 173, 156)` looks like.

```
.text, #text, p{  
    color:rgb(117, 173, 156)  
}
```

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(117, 173, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 173, 156) }
```

Border

The CSS property to change the border of an element to XYZ 28.2804, 36.0693, 36.9240 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(117, 173, 156) }
```


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

```
.border{ border-color:rgb(117, 173, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 173, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 173, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 173, 156);  
box-shadow:4px 4px 4px 4px rgb(117, 173,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2804, 36.0693, 36.9240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 173, 156) }
```

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

```
.background{ background-color: rgb(117,  
173, 156) }
```

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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