

Converting Colors

XYZ(28.0193, 35.8127, 36.0175)

Have a look what the booklet for
XYZ(28.0193, 35.8127, 36.0175)
contains.

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Color

**XYZ(28.1124, 36.0021,
36.0393)**

Conversions

Conversions Part 1

Format	Color
Hex	75AD9A
RGB	117, 173, 154
RGB Percent	46%, 68%, 60%
CMY	0.5412, 0.3216, 0.3961
CMYK	0.32, 0.00, 0.11, 0.32
HSL	160°, 25%, 57%
HSV	160°, 32%, 68%
XYZ	28.1124, 36.0021, 36.0393
YIQ	154.0900, -27.2770, -17.7810

Conversions

Conversions Part 2

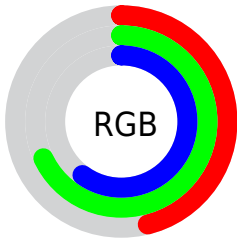
Format	Color
RYB	117, 151, 173
Decimal	7712154
CIELab	66.52, -22.56, 3.93
CIElCh	67, 22.899, 170.113
Yxy	36.0021, 0.2807, 0.3595
Android (android.graphics.Color)	4285902234 (0xFF75AD9A)
YUV	154.0900, -0.0444, -32.5279
Hunter-Lab	60.0017, -21.3711, 6.3894

Details

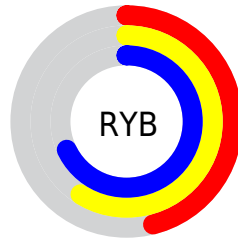
The XYZ color **28.1124, 36.0021, 36.0393** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.0400, 23.3853, 26.3299**, and the grayscale version is **30.7642, 32.3663, 35.2469**.

A 20% lighter version of the original color is **56.1991, 69.2506, 70.0792**, and **11.4114, 15.5705, 15.2359** is the 20% darker color. If you saturate the color by 10%, you get **25.5225, 34.7230, 33.4285**, and if you desaturate by 10%, it is **31.1579, 37.5152, 38.7978**.

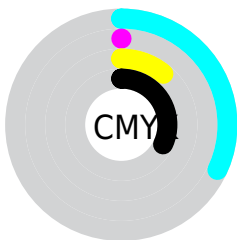
Distribution



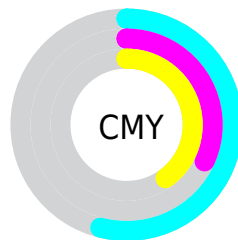
- Red (46%)
- Green (68%)
- Blue (60%)



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



- Cyan (32%)
- Magenta (0%)
- Yellow (11%)
- Black (32%)



- Cyan (54%)
- Magenta (32%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1124, 36.0021, 36.0393 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 28.1124, 36.0021, 36.0393 by changing the saturation by 10% instead.

■ 28.1124, 36.0021,
36.0393

■ 28.1124, 36.0021,
36.0393

285.0740,
328.9697, 344.1749

■ 18.5513, 24.4358,
24.1746

■ 56.0712, 69.0353,
70.2624

■ 11.4486, 15.6572,
15.2498

■ 75.1997, 91.2710,
93.4580

■ 6.4389, 9.2819,
8.8463

■ 98.2479, 117.8320,
121.2676

■ 3.1569, 4.9255,
4.5456

125.5814,
149.1026, 154.1097

■ 1.2373, 2.2036,
1.9292

157.5653,
185.4673, 192.4030

■ 0.1355, 0.7220,
0.5112

194.5652,

■ 0.0000, 0.0000,

227.3105, 236.5659

0.0000

236.9463,
275.0165, 287.0170

■ 28.1124, 36.0021,
36.0393

■ 28.1124, 36.0021,
36.0393

■ 25.5225, 34.7230,
33.4285

■ 31.1579, 37.5152,
38.7978

■ 23.3610, 33.6611,
30.9601

■ 34.6781, 39.2692,
41.7043

■ 21.6026, 32.8044,
28.6318

■ 38.6947, 41.2763,
44.7623

■ 20.2180, 32.1377,
26.4404

■ 43.2272, 43.5465,
47.9744

■ 19.1737, 31.6438,
24.3825

■ 48.2941, 46.0893,
51.3430

■ 18.4297, 31.3021,
22.4543

■ 53.9127, 48.9136,
54.8706

■ 17.9987, 31.1102,
21.0660

■ 60.0999, 52.0279,
58.5595

■ 66.7224, 55.3637,
62.4050

■ 67.4263, 55.6452,
66.1113

Harmonies

Analogous

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



29.3942, 36.0021, 28.2722



28.1124, 36.0021, 36.0393



28.3807, 36.0021, 46.0757

Triad

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



28.1124, 36.0021, 36.0393



36.5422, 36.0021, 59.7945



38.6344, 36.0021, 26.3967

Complementary

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



28.1124, 36.0021, 36.0393



28.0400, 23.3853, 26.3299

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.



40.8074, 36.0021, 33.0451



28.1124, 36.0021, 36.0393



39.5446, 36.0021, 52.6335

Square

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



28.1124, 36.0021, 36.0393



33.0967, 36.0021, 60.9591



41.1513, 36.0021, 42.5406



35.3663, 36.0021, 23.3542

Rectangle

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



28.1124, 36.0021, 36.0393



29.4094, 36.0021, 52.7033



41.1513, 36.0021, 42.5406



39.5261, 36.0021, 28.2262

Sweetspot

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



28.1134, 36.0036, 36.0401



63.6061, 71.0762, 75.8664



28.4066, 36.4576, 22.3700



13.6203, 15.3452, 16.3288



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.



28.1134, 36.0036, 36.0401



46.8778, 62.7619, 61.0986



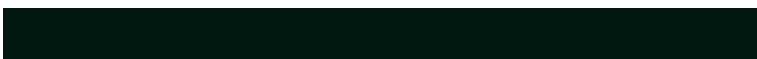
28.2631, 33.5666, 44.5262



8.1191, 9.0252, 9.6520



13.2496, 22.8651, 15.6202



0.3928, 0.6458, 0.5620

Inverse Universe

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



28.0400, 23.3853, 26.3299



46.7300, 36.5441, 40.9463



27.8299, 24.9382, 20.1769



8.1132, 8.0585, 8.9069



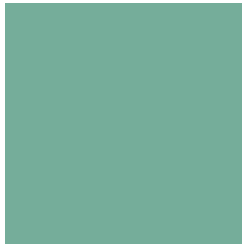
13.2593, 6.7663, 3.7448



0.3949, 0.1986, 0.2411

Previews

White Background



This preview shows how the XYZ color 28.1124, 36.0021, 36.0393 looks on a white background.

Color Contrast Check

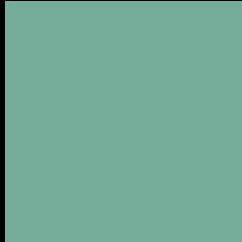
Large Text (above 18pt) WCAG AA × Fail

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 28.1124, 36.0021, 36.0393 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

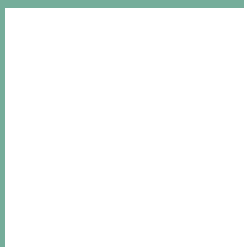
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1124, 36.0021, 36.0393

Background



This preview shows how black text looks on a background with the XYZ color 28.1124, 36.0021, 36.0393.

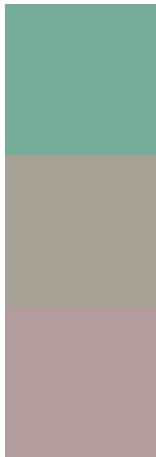


This preview shows how white text looks on a background with the XYZ color 28.1124, 36.0021,

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

28.1124, 36.0021, 36.0393

Protanopia

33.9477, 35.8118, 32.7269

Deuteranopia

36.4201, 35.7105, 37.3210



Tritanopia

30.7998, 35.9643, 49.5744

Trichromacy



Original Color

28.1124, 36.0021, 36.0393

Protanomaly

31.3546, 35.5018, 34.0541

Deuteranomaly

32.7164, 35.3429, 36.9958

Tritanomaly

29.7063, 35.7930, 44.3728

Monochromacy



Original Color

28.1124, 36.0021, 36.0393

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.5621, 33.4856, 35.4771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1124, 36.0021, 36.0393 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(117, 173, 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(117, 173, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 173, 154) }
```

Border

The CSS property to change the border of an element to XYZ 28.1124, 36.0021, 36.0393 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, 154) }
```


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

```
.border{ border-color:rgb(117, 173, 154) }
```

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, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 173, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 173, 154);  
box-shadow:4px 4px 4px 4px rgb(117, 173,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1124, 36.0021, 36.0393 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, 154) }
```

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

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