

Converting Colors

XYZ(28.3791, 36.3560, 39.2399)

Have a look what the booklet for
XYZ(28.3791, 36.3560, 39.2399)
contains.

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Color

**XYZ(28.3791, 36.3560,
39.2399)**

Conversions

Conversions Part 1

Format	Color
Hex	71AEA1
RGB	113, 174, 161
RGB Percent	44%, 68%, 63%
CMY	0.5569, 0.3176, 0.3686
CMYK	0.35, 0.00, 0.07, 0.32
HSL	167°, 27%, 56%
HSV	167°, 35%, 68%
XYZ	28.3791, 36.3560, 39.2399
YIQ	154.2790, -32.1830, -16.9750

Conversions

Conversions Part 2

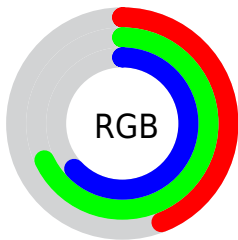
Format	Color
R _Y B	113, 147, 174
Decimal	7450273
CIE Lab	66.79, -22.67, 0.42
CIE LCh	67, 22.674, 178.947
Yxy	36.3560, 0.2729, 0.3497
Android (android.graphics.Color)	4285640353 (0xFF71AEA1)
YUV	154.2790, 3.3135, -36.2017
Hunter-Lab	60.2959, -21.5044, 3.6219

Details

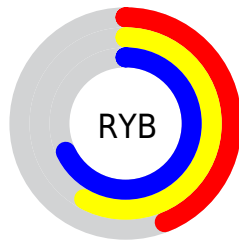
The XYZ color **28.3791, 36.3560, 39.2399** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.1278, 22.3162, 22.6177**, and the grayscale version is **30.8345, 32.4403, 35.3275**.

A 20% lighter version of the original color is **56.6278, 69.7670, 75.4475**, and **11.5763, 15.7926, 17.1900** is the 20% darker color. If you saturate the color by 10%, you get **26.0296, 35.1829, 37.4485**, and if you desaturate by 10%, it is **31.1696, 37.7571, 41.1042**.

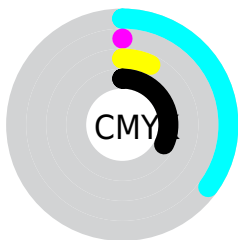
Distribution



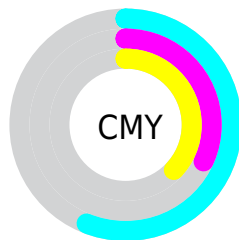
- Red (44%)
- Green (68%)
- Blue (63%)



- Red (44%)
- Yellow (58%)
- Blue (68%)



- Cyan (35%)
- Magenta (0%)
- Yellow (7%)
- Black (32%)



- Cyan (56%)
- Magenta (32%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3791, 36.3560, 39.2399 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 28.3791, 36.3560, 39.2399 by changing the saturation by 10% instead.

■ 28.3791, 36.3560,
39.2399

■ 28.3791, 36.3560,
39.2399

286.3213,
330.5139, 358.3657

■ 18.7535, 24.7093,
26.6371

■ 56.4935, 69.5812,
75.2290

■ 11.5953, 15.8606,
17.0709

■ 75.7131, 91.9284,
99.4525

■ 6.5390, 9.4256,
10.1225

■ 98.8615, 118.6113,
128.3866

■ 3.2192, 5.0198,
5.3736

126.3039,
150.0142, 162.4499

■ 1.2707, 2.2589,
2.4056

158.4057,
186.5215, 202.0609

■ 0.1611, 0.7518,
0.7895

195.5323,

■ 0.0000, 0.0000,

228.5176, 247.6382

0.0000

238.0491,
276.3870, 299.6003

■ 28.3791, 36.3560,
39.2399

■ 28.3791, 36.3560,
39.2399

■ 26.0296, 35.1829,
37.4485

■ 31.1696, 37.7571,
41.1042

■ 24.0932, 34.2208,
35.7259

■ 34.4207, 39.3937,
43.0403

■ 22.5439, 33.4571,
34.0711

■ 38.1547, 41.2779,
45.0505

■ 21.3511, 32.8762,
32.4824

■ 42.3912, 43.4202,
47.1361

■ 20.4796, 32.4598,
30.9577

■ 47.1490, 45.8300,
49.2985

■ 19.8862, 32.1856,
29.4943

■ 52.4459, 48.5165,
51.5388

■ 19.6460, 32.0771,
28.7913

■ 58.2987, 51.4885,
53.8583

■ 64.7235, 54.7542,
56.2581

■ 66.1570, 55.4455,
58.4782

Harmonies

Analogous

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



29.2140, 36.3560, 30.6304



28.3791, 36.3560, 39.2399



29.1059, 36.3560, 49.4358

Triad

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



28.3791, 36.3560, 39.2399



37.8424, 36.3560, 58.4938



38.0655, 36.3560, 25.5242

Complementary

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



28.3791, 36.3560, 39.2399



27.1278, 22.3162, 22.6177

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.



40.6456, 36.3560, 31.1392



28.3791, 36.3560, 39.2399



40.5109, 36.3560, 50.1353

Square

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



28.3791, 36.3560, 39.2399



34.4344, 36.3560, 61.6006



41.5682, 36.3560, 39.9331



34.6765, 36.3560, 23.5615

Rectangle

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



28.3791, 36.3560, 39.2399



30.4074, 36.3560, 55.5831



41.5682, 36.3560, 39.9331



39.0642, 36.3560, 26.9960

Sweetspot

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



28.3801, 36.3575, 39.2407



64.9437, 72.7194, 79.4602



26.7539, 35.9180, 21.1462



14.2400, 16.0646, 17.5544



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.3801, 36.3575, 39.2407



48.1312, 64.2737, 68.6661



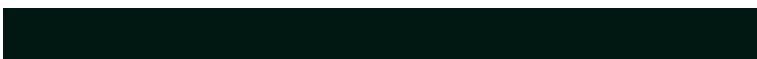
26.4602, 30.5861, 44.5552



8.1621, 9.0424, 9.8787



14.2711, 23.2737, 20.9992



0.4151, 0.6547, 0.6793

Inverse Universe

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



27.1278, 22.3162, 22.6177



45.5273, 34.9907, 34.0375



28.4577, 26.2327, 19.1869



8.0725, 8.0423, 8.6926



12.9223, 6.6315, 1.9702



0.3790, 0.1923, 0.1576

Previews

White Background



This preview shows how the XYZ color 28.3791, 36.3560, 39.2399 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 28.3791, 36.3560, 39.2399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

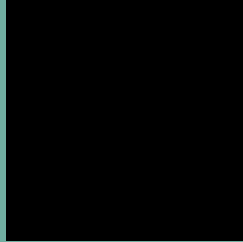
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.3791, 36.3560, 39.2399

Background



This preview shows how black text looks on a background with the XYZ color 28.3791, 36.3560, 39.2399.

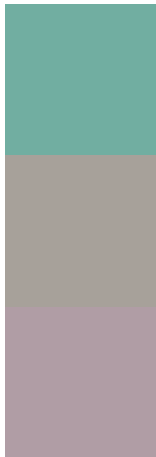


This preview shows how white text looks on a background with the XYZ color 28.3791, 36.3560,

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

28.3791, 36.3560, 39.2399

Protanopia

34.5140, 36.0383, 35.7089

Deuteranopia

36.7530, 36.0607, 40.6206



Tritanopia

30.8224, 36.5085, 50.7697

Trichromacy



Original Color

28.3791, 36.3560, 39.2399

Protanomaly

31.7546, 35.9098, 37.1559

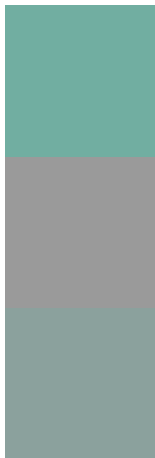
Deuteranomaly

32.9349, 35.6470, 40.2667

Tritanomaly

29.9251, 36.4215, 46.5271

Monochromacy



Original Color

28.3791, 36.3560, 39.2399

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.4781, 33.4130, 36.7940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3791, 36.3560, 39.2399 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(113, 174, 161)` looks like.

```
.text, #text, p{  
    color:rgb(113, 174, 161)  
}
```

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(113, 174, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 174, 161) }
```

Border

The CSS property to change the border of an element to XYZ 28.3791, 36.3560, 39.2399 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(113, 174, 161) }
```


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

```
.border{ border-color:rgb(113, 174, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 174, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 174, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 174, 161);  
box-shadow:4px 4px 4px 4px rgb(113, 174,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3791, 36.3560, 39.2399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 174, 161) }
```

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

```
.background{ background-color: rgb(113,  
174, 161) }
```

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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