

Converting Colors

XYZ(36.4089, 41.4976, 39.8848)

Have a look what the booklet for
XYZ(36.4089, 41.4976, 39.8848)
contains.

XYZ(36.2557, 41.2866, 39.7764)	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(36.2557, 41.2866,
39.7764)**

Conversions

Conversions Part 1

Format	Color
Hex	9EB1A1
RGB	158, 177, 161
RGB Percent	62%, 69%, 63%
CMY	0.3804, 0.3059, 0.3686
CMYK	0.11, 0.00, 0.09, 0.31
HSL	129°, 11%, 66%
HSV	129°, 11%, 69%
XYZ	36.2557, 41.2866, 39.7764
YIQ	169.4950, -6.1880, -9.0040

Conversions

Conversions Part 2

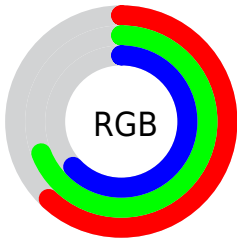
Format	Color
RYB	158, 174, 177
Decimal	10400161
CIELab	70.38, -9.69, 5.95
CIELCh	70, 11.375, 148.448
Yxy	41.2866, 0.3090, 0.3519
Android (android.graphics.Color)	4288590241 (0xFF9EB1A1)
YUV	169.4950, -4.1880, -10.0811
Hunter-Lab	64.2546, -11.7270, 8.2752

Details

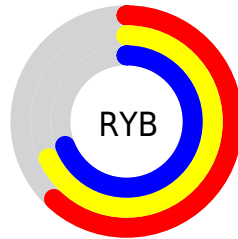
The XYZ color **36.2557, 41.2866, 39.7764** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.9998, 36.8578, 45.1579**, and the grayscale version is **37.9806, 39.9585, 43.5149**.

A 20% lighter version of the original color is **68.9742, 77.3818, 76.2666**, and **16.0855, 18.6669, 17.5071** is the 20% darker color. If you saturate the color by 10%, you get **31.7846, 39.1258, 33.1099**, and if you desaturate by 10%, it is **41.3873, 43.7722, 47.2937**.

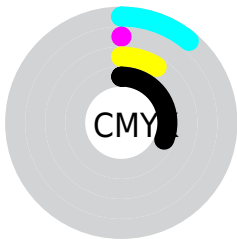
Distribution



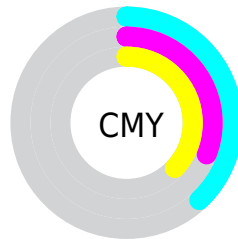
- Red (62%)
- Green (69%)
- Blue (63%)



- Red (62%)
- Yellow (68%)
- Blue (69%)



- Cyan (11%)
- Magenta (0%)
- Yellow (9%)
- Black (31%)



- Cyan (38%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2557, 41.2866, 39.7764 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 36.2557, 41.2866, 39.7764 by changing the saturation by 10% instead.

■ 36.2557, 41.2866,
39.7764

■ 36.2557, 41.2866,
39.7764

321.4886,
351.5170, 360.7043

■ 24.8028, 28.5431,
27.0518

■ 68.7478, 77.1188,
76.0563

■ 16.0581, 18.7355,
17.3793

■ 90.5178, 100.9762,
100.4486

■ 9.6564, 11.4793,
10.3405

116.4574,
129.3071, 129.5673

■ 5.2322, 6.3902,
5.5168

146.9321,
162.4959, 163.8308

■ 2.4203, 3.0838,
2.4895

182.3072,
200.9268, 203.6577

■ 0.8553, 1.1756,
0.8346

222.9481,

■ 0.0000, 0.0417,

244.9844, 249.4665

0.0000

269.2201,
295.0530, 301.6759

■ 0.0000, 0.0000,
0.0000

■ 36.2557, 41.2866,
39.7764

■ 36.2557, 41.2866,
39.7764

■ 31.7846, 39.1258,
33.1099

■ 41.3873, 43.7722,
47.2937

■ 27.9438, 37.2713,
27.2614

■ 47.2013, 46.5896,
55.6873

■ 24.7058, 35.7107,
22.2004

■ 53.7227, 49.7525,
64.9853

■ 22.0396, 34.4288,
17.8930

■ 60.9743, 53.2719,
75.2136

■ 19.9115, 33.4090,
14.3033

■ 68.9779, 57.1587,
86.3970

■ 18.2844, 32.6329,
11.3920

■ 74.2868, 59.6354,
98.3972

■ 17.1159, 32.0797,
9.1165

■ 75.0129, 59.9259,
102.2210

■ 16.3570, 31.7250,
7.4289

■ 15.9319, 31.5295,
6.3413

Harmonies

Analogous

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



37.5531, 41.2866, 36.4916



36.2557, 41.2866, 39.7764



35.7549, 41.2866, 44.6757

Triad

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



36.2557, 41.2866, 39.7764



39.1443, 41.2866, 56.0576



42.4899, 41.2866, 40.2235

Complementary

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



36.2557, 41.2866, 39.7764



37.9998, 36.8578, 45.1579

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.



42.9481, 41.2866, 45.2337



36.2557, 41.2866, 39.7764



40.9801, 41.2866, 54.6332

Square

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



36.2557, 41.2866, 39.7764



37.3895, 41.2866, 54.3160



42.3873, 41.2866, 50.5627



41.1540, 41.2866, 36.7349

Rectangle

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



36.2557, 41.2866, 39.7764



35.9276, 41.2866, 48.2932



42.3873, 41.2866, 50.5627



42.7535, 41.2866, 41.7726

Sweetspot

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



36.2568, 41.2884, 39.7773



71.8849, 77.3083, 81.4425



39.3844, 42.9309, 38.5589



15.4155, 16.6750, 17.4118



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.



36.2568, 41.2884, 39.7773



62.8321, 72.9267, 68.1277



37.1129, 41.6308, 44.2850



8.4419, 9.5112, 9.3206



11.5577, 22.8491, 4.6738



0.3805, 0.7257, 0.2356

Inverse Universe

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



37.9998, 36.8578, 45.1579



66.6116, 63.3187, 79.7947



37.1193, 36.5056, 40.5214



8.7912, 8.6232, 10.3991



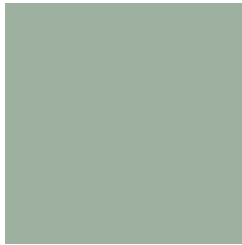
17.0890, 8.3531, 21.4263



0.5531, 0.2690, 0.7555

Previews

White Background



This preview shows how the XYZ color 36.2557, 41.2866, 39.7764 looks on a white background.

Color Contrast Check

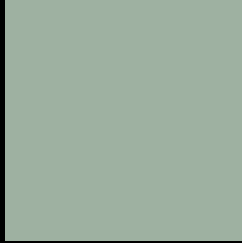
Large Text (above 18pt) WCAG AA × Fail

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 36.2557, 41.2866, 39.7764 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

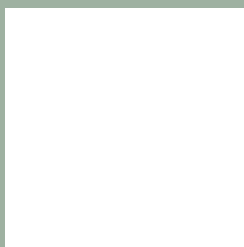
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.2557, 41.2866, 39.7764

Background



This preview shows how black text looks on a background with the XYZ color 36.2557, 41.2866, 39.7764.



This preview shows how white text looks on a background with the XYZ color 36.2557, 41.2866,

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

36.2557, 41.2866, 39.7764

Protanopia

39.0946, 41.0594, 38.2125

Deuteranopia

41.9853, 41.1232, 40.3750



Tritanopia

38.8135, 41.1564, 52.9120

Trichromacy



Original Color

36.2557, 41.2866, 39.7764

Protanomaly

37.9962, 41.0483, 38.7214

Deuteranomaly

39.7187, 41.0614, 40.0147

Tritanomaly

37.8699, 41.0635, 48.0496

Monochromacy



Original Color

36.2557, 41.2866, 39.7764

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.1525, 40.2576, 41.8887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2557, 41.2866, 39.7764 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(158, 177, 161)` looks like.

```
.text, #text, p{  
    color:rgb(158, 177, 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(158, 177, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 177, 161) }
```

Border

The CSS property to change the border of an element to XYZ 36.2557, 41.2866, 39.7764 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(158, 177, 161) }
```


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

```
.border{ border-color:rgb(158, 177, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 177, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 177, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 177, 161);  
box-shadow:4px 4px 4px 4px rgb(158, 177,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2557, 41.2866, 39.7764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 177, 161) }
```

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

```
.background{ background-color: rgb(158,  
177, 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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