

Converting Colors

XYZ(35.4764, 35.3622, 45.1935)

Have a look what the booklet for
XYZ(35.4764, 35.3622, 45.1935)
contains.

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Color

**XYZ(35.4228, 35.2769,
44.9865)**

Conversions

Conversions Part 1

Format	Color
Hex	A69DAE
RGB	166, 157, 174
RGB Percent	65%, 62%, 68%
CMY	0.3490, 0.3843, 0.3176
CMYK	0.05, 0.10, 0.00, 0.32
HSL	272°, 9%, 65%
HSV	272°, 10%, 68%
XYZ	35.4228, 35.2769, 44.9865
YIQ	161.6290, -0.0930, 7.1950

Conversions

Conversions Part 2

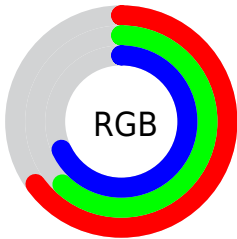
Format	Color
R _Y B	166, 157, 174
Decimal	10919342
CIE Lab	65.96, 6.53, -7.64
CIE LCh	66, 10.052, 310.498
Yxy	35.2769, 0.3062, 0.3049
Android (android.graphics.Color)	4289109422 (0xFFA69DAE)
YUV	161.6290, 6.0989, 3.8334
Hunter-Lab	59.3944, 2.5173, -3.3314

Details

The XYZ color **35.4228, 35.2769, 44.9865** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.7402, 40.7067, 37.8208**, and the grayscale version is **34.1425, 35.9206, 39.1175**.

A 20% lighter version of the original color is **67.5051, 68.1163, 83.7186**, and **15.6063, 15.2906, 20.5412** is the 20% darker color. If you saturate the color by 10%, you get **31.0239, 28.9466, 43.9970**, and if you desaturate by 10%, it is **40.3524, 42.5051, 46.1224**.

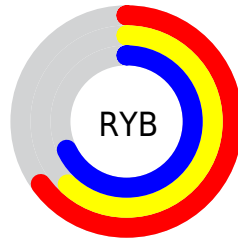
Distribution



Red (65%)

Green (62%)

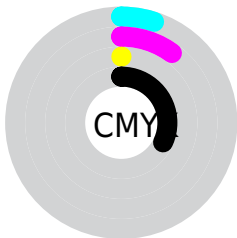
Blue (68%)



Red (65%)

Yellow (62%)

Blue (68%)

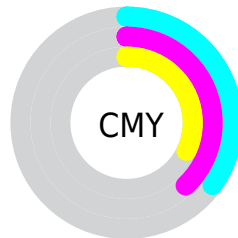


Cyan (5%)

Magenta (10%)

Yellow (0%)

Black (32%)



Cyan (35%)

Magenta (38%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4228, 35.2769, 44.9865 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 35.4228, 35.2769, 44.9865 by changing the saturation by 10% instead.

■ 35.4228, 35.2769,
44.9865

■ 35.4228, 35.2769,
44.9865

317.9060,
325.7889, 382.8774

■ 24.1568, 23.8763,
31.1039

■ 67.4700, 67.9145,
84.0184

■ 15.5753, 15.2419,
20.4189

■ 88.9818, 89.9203,
110.0048

■ 9.3131, 8.9893,
12.5128

114.6396,
116.2298, 140.8629

■ 5.0047, 4.7342,
6.9672

144.8088,
147.2276, 177.0112

■ 2.2848, 2.0922,
3.3634

179.8547,
183.2980, 218.8682

■ 0.7869, 0.6602,
1.2831

220.1426,

■ 0.0000, 0.0000,

224.8254, 266.8526

0.0479

266.0379,
272.1943, 321.3828

■ 0.0000, 0.0000,
0.0000

■ 35.4228, 35.2769,
44.9865

■ 35.4228, 35.2769,
44.9865

■ 31.0239, 28.9466,
43.9970

■ 40.3524, 42.5051,
46.1224

■ 27.1329, 23.4734,
43.1457

■ 45.8280, 50.6607,
47.4080

■ 23.7299, 18.8200,
42.4268

■ 51.8684, 59.7779,
48.8494

■ 20.7924, 14.9443,
41.8336

■ 58.4903, 69.8871,
50.4517

■ 18.2958, 11.8008,
41.3584

■ 65.7098, 81.0180,
52.2197

■ 16.2131, 9.3387,
40.9929

■ 71.4649, 89.0440,
53.4655

■ 14.5139, 7.5007,
40.7277

■ 73.9325, 90.3161,
53.5810

■ 13.1626, 6.2194,
40.5516

■ 76.5222, 91.6511,
53.7022

■ 12.0877, 5.3554,
40.4415

■ 79.2356, 93.0499,
53.8292

Harmonies

Analogous

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



34.0538, 35.2769, 47.0465



35.4228, 35.2769, 44.9865



36.3004, 35.2769, 41.2123

Triad

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



35.4228, 35.2769, 44.9865



34.4942, 35.2769, 31.1908



30.7936, 35.2769, 39.9234

Complementary

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



35.4228, 35.2769, 44.9865



36.7402, 40.7067, 37.8208

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.



30.9036, 35.2769, 35.7387



35.4228, 35.2769, 44.9865



33.0109, 35.2769, 30.9019

Square

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



35.4228, 35.2769, 44.9865



35.7534, 35.2769, 33.3297



31.7052, 35.2769, 32.5088



31.4001, 35.2769, 43.9831

Rectangle

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



35.4228, 35.2769, 44.9865



36.4737, 35.2769, 38.3393



31.7052, 35.2769, 32.5088



30.7485, 35.2769, 38.4819

Sweetspot

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



35.4238, 35.2784, 44.9873



70.1502, 72.6107, 82.9548



35.0402, 37.2139, 45.3811



15.4307, 15.9020, 18.4004



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.



35.4238, 35.2784, 44.9873



62.2169, 61.0364, 81.1389



37.1259, 36.1590, 44.9229



7.9684, 7.9580, 10.0688



8.8193, 3.9064, 29.3337



0.3079, 0.1409, 0.8190

Inverse Universe

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



36.3053, 35.8308, 40.6016



64.2025, 62.2803, 71.2785



35.1520, 39.8851, 37.8729



8.1563, 8.0757, 9.1336



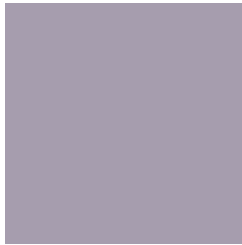
13.7919, 6.9793, 6.5496



0.4115, 0.2053, 0.3286

Previews

White Background



This preview shows how the XYZ color 35.4228, 35.2769, 44.9865 looks on a white background.

Color Contrast Check

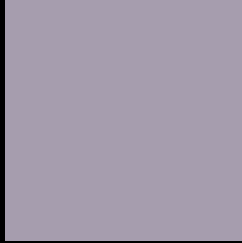
Large Text (above 18pt) WCAG AA × Fail

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 35.4228, 35.2769, 44.9865 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 35.4228, 35.2769, 44.9865

Background



This preview shows how black text looks on a background with the XYZ color 35.4228, 35.2769, 44.9865.



This preview shows how white text looks on a background with the XYZ color 35.4228, 35.2769,

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

35.4228, 35.2769, 44.9865

Protanopia

34.4341, 35.2623, 45.5489

Deuteranopia

35.8906, 35.2679, 44.9602



Tritanopia

34.9996, 35.3553, 43.0098

Trichromacy



Original Color

35.4228, 35.2769, 44.9865

Protanomaly

34.8650, 35.2302, 45.5200

Deuteranomaly

35.6769, 35.1578, 44.9501

Tritanomaly

35.0946, 35.3933, 43.5100

Monochromacy



Original Color

35.4228, 35.2769, 44.9865

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.5580, 35.6813, 41.1422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4228, 35.2769, 44.9865 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(166, 157, 174)` looks like.

```
.text, #text, p{  
    color:rgb(166, 157, 174)  
}
```

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(166, 157, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 157, 174) }
```

Border

The CSS property to change the border of an element to XYZ 35.4228, 35.2769, 44.9865 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(166, 157, 174) }
```


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

```
.border{ border-color:rgb(166, 157, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 157, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 157, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 157, 174);  
box-shadow:4px 4px 4px 4px rgb(166, 157,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4228, 35.2769, 44.9865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 157, 174) }
```

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

```
.background{ background-color: rgb(166,  
157, 174) }
```

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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