

Converting Colors

XYZ(32.2095, 35.5989, 37.5214)

Have a look what the booklet for
XYZ(32.2095, 35.5989, 37.5214)
contains.

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Color

**XYZ(32.2095, 35.5989,
37.5214)**

Conversions

Conversions Part 1

Format	Color
Hex	97A49E
RGB	151, 164, 158
RGB Percent	59%, 64%, 62%
CMY	0.4078, 0.3568, 0.3804
CMYK	0.08, 0.00, 0.04, 0.36
HSL	152°, 7%, 62%
HSV	152°, 8%, 64%
XYZ	32.2095, 35.5989, 37.5214
YIQ	159.4290, -5.8220, -4.6220

Conversions

Conversions Part 2

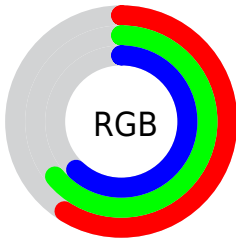
Format	Color
RYB	151, 159, 164
Decimal	9938078
CIELab	66.21, -5.77, 1.53
CIELCh	66, 5.969, 165.172
Yxy	35.5989, 0.3058, 0.3380
Android (android.graphics.Color)	4288128158 (0xFF97A49E)
YUV	159.4290, -0.7045, -7.3922
Hunter-Lab	59.6648, -8.0518, 4.4797

Details

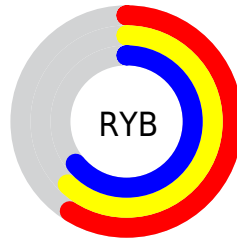
The XYZ color **32.2095, 35.5989, 37.5214** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.4635, 32.4609, 36.4545**, and the grayscale version is **33.1570, 34.8837, 37.9884**.

A 20% lighter version of the original color is **62.5186, 68.4463, 72.8672**, and **13.7035, 15.3592, 16.1523** is the 20% darker color. If you saturate the color by 10%, you get **28.7434, 33.8861, 34.0618**, and if you desaturate by 10%, it is **36.1412, 37.5491, 41.2139**.

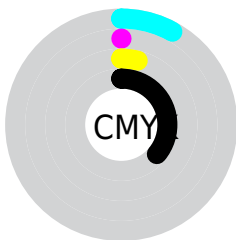
Distribution



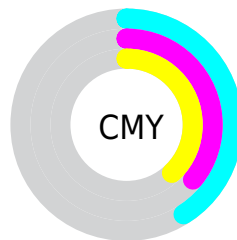
- Red (59%)
- Green (64%)
- Blue (62%)



- Red (59%)
- Yellow (62%)
- Blue (64%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (36%)



- Cyan (41%)
- Magenta (36%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2095, 35.5989, 37.5214 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 32.2095, 35.5989, 37.5214 by changing the saturation by 10% instead.

■ 32.2095, 35.5989,
37.5214

■ 32.2095, 35.5989,
37.5214

303.8008,
327.2040, 350.7989

■ 21.6779, 24.1246,
25.3125

■ 62.5024, 68.4125,
72.5692

■ 13.7357, 15.4261,
16.0889

■ 82.9943, 90.5206,
96.2453

■ 8.0175, 9.1189,
9.4320

107.5371,
116.9421, 124.5807

■ 4.1581, 4.8188,
4.9234

136.4961,
148.0614, 157.9942

■ 1.7919, 2.1414,
2.1444

170.2366,
184.2628, 196.9042

■ 0.5128, 0.6877,
0.6420

209.1240,

■ 0.0000, 0.0000,

225.9308, 241.7293

0.0000

253.5236,
273.4497, 292.8880

■ 32.2095, 35.5989,
37.5214

■ 32.2095, 35.5989,
37.5214

■ 28.7434, 33.8861,
34.0618

■ 36.1412, 37.5491,
41.2139

■ 25.7218, 32.3968,
30.8281

■ 40.5526, 39.7409,
45.1414

■ 23.1265, 31.1228,
27.8164

■ 45.4608, 42.1841,
49.3090

■ 20.9365, 30.0534,
25.0218

■ 50.8814, 44.8864,
53.7209

■ 19.1293, 29.1771,
22.4391

■ 56.8289, 47.8555,
58.3811

■ 17.6801, 28.4811,
20.0630

■ 63.3176, 51.0985,
63.2936

■ 16.5606, 27.9510,
17.8877

■ 66.2740, 52.5155,
68.2710

■ 15.7384, 27.5701,
15.9072

■ 67.2459, 52.9042,
73.3890

■ 15.1582, 27.3101,
14.1143

■ 68.2631, 53.3111,
78.7457

Harmonies

Analogous

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



32.6374, 35.5989, 35.4103



32.2095, 35.5989, 37.5214



32.2121, 35.5989, 40.0570

Triad

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



32.2095, 35.5989, 37.5214



34.2852, 35.5989, 43.6822



35.0555, 35.5989, 35.3907

Complementary

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



32.2095, 35.5989, 37.5214



32.4635, 32.4609, 36.4545

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.



35.5130, 35.5989, 37.4936



32.2095, 35.5989, 37.5214



35.0629, 35.5989, 42.3169

Square

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



32.2095, 35.5989, 37.5214



33.4000, 35.5989, 43.6904



35.5157, 35.5989, 40.0279



34.2752, 35.5989, 34.2173

Rectangle

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



32.2095, 35.5989, 37.5214



32.4571, 35.5989, 41.6510



35.5157, 35.5989, 40.0279



35.2527, 35.5989, 36.0082

Sweetspot

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



32.2105, 35.6004, 37.5222



62.5634, 66.6484, 72.0015



32.7803, 35.9618, 34.4922



13.6962, 14.5799, 15.7583



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



32.2105, 35.6004, 37.5222



56.9700, 63.8776, 66.6498



32.6626, 35.6573, 40.2849



7.1375, 7.9558, 8.3358



11.5631, 20.9116, 10.6817



0.2665, 0.4488, 0.3485

Inverse Universe

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



32.4635, 32.4609, 36.4545



57.5513, 56.6650, 64.1971



32.0333, 32.4006, 33.8442



7.2034, 7.1378, 8.0576



12.7550, 6.4580, 5.9002



0.2918, 0.1452, 0.2493

Previews

White Background



This preview shows how the XYZ color 32.2095, 35.5989, 37.5214 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 32.2095, 35.5989, 37.5214 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

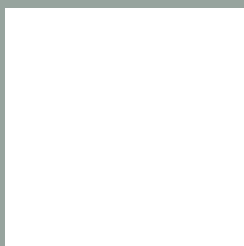
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.2095, 35.5989, 37.5214

Background



This preview shows how black text looks on a background with the XYZ color 32.2095, 35.5989, 37.5214.



This preview shows how white text looks on a background with the XYZ color 32.2095, 35.5989,

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

32.2095, 35.5989, 37.5214

Protanopia

34.0886, 35.5412, 36.5160

Deuteranopia

36.3651, 35.6621, 38.2245



Tritanopia

33.8867, 35.7667, 45.1620

Trichromacy



Original Color

32.2095, 35.5989, 37.5214

Protanomaly

33.3279, 35.3976, 36.9741

Deuteranomaly

34.8046, 35.6243, 37.8427

Tritanomaly

33.3019, 35.7938, 42.1995

Monochromacy



Original Color

32.2095, 35.5989, 37.5214

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.7132, 35.0609, 37.8441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2095, 35.5989, 37.5214 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(151, 164, 158)` looks like.

```
.text, #text, p{  
    color:rgb(151, 164, 158)  
}
```

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(151, 164, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 164, 158) }
```

Border

The CSS property to change the border of an element to XYZ 32.2095, 35.5989, 37.5214 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(151, 164, 158) }
```


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

```
.border{ border-color:rgb(151, 164, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 164, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 164, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 164, 158);  
box-shadow:4px 4px 4px 4px rgb(151, 164,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2095, 35.5989, 37.5214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 164, 158) }
```

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

```
.background{ background-color: rgb(151,  
164, 158) }
```

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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