

Converting Colors

XYZ(30.0822, 32.2719, 37.3818)

Have a look what the booklet for
XYZ(30.0822, 32.2719, 37.3818)
contains.

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Color

**XYZ(30.0120, 32.1489,
37.4245)**

Conversions

Conversions Part 1

Format	Color
Hex	939B9F
RGB	147, 155, 159
RGB Percent	58%, 61%, 62%
CMY	0.4235, 0.3921, 0.3765
CMYK	0.08, 0.03, 0.00, 0.38
HSL	200°, 6%, 60%
HSV	200°, 8%, 62%
XYZ	30.0120, 32.1489, 37.4245
YIQ	153.0640, -6.0520, -0.4520

Conversions

Conversions Part 2

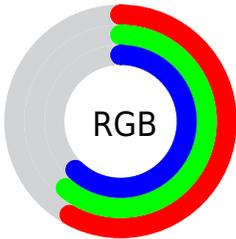
Format	Color
RYB	147, 152, 159
Decimal	9673631
CIELab	63.47, -2.05, -3.09
CIELCh	63, 3.704, 236.452
Yxy	32.1489, 0.3014, 0.3228
Android (android.graphics.Color)	4287863711 (0xFF939B9F)
YUV	153.0640, 2.9264, -5.3181
Hunter-Lab	56.7000, -4.7428, 0.5560

Details

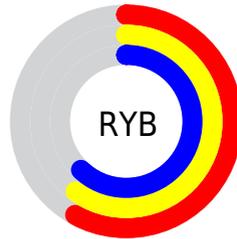
The XYZ color **30.0120, 32.1489, 37.4245** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.6314, 31.6107, 32.0914**, and the grayscale version is **30.2964, 31.8742, 34.7110**.

A 20% lighter version of the original color is **59.0255, 62.8735, 72.6431**, and **12.4810, 13.4701, 16.1295** is the 20% darker color. If you saturate the color by 10%, you get **26.4934, 29.0557, 37.0134**, and if you desaturate by 10%, it is **33.9652, 35.5254, 37.8684**.

Distribution



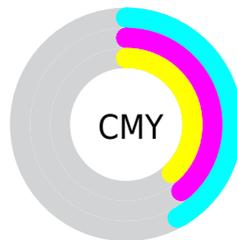
- Red (58%)
- Green (61%)
- Blue (62%)



- Red (58%)
- Yellow (60%)
- Blue (62%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (38%)



- Cyan (42%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0120, 32.1489, 37.4245 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 30.0120, 32.1489, 37.4245 by changing the saturation by 10% instead.

■ 30.0120, 32.1489,
37.4245

■ 30.0120, 32.1489,
37.4245

293.8692,
311.7970, 350.3686

■ 19.9958, 21.4753,
25.2380

■ 59.0677, 63.0444,
72.4188

■ 12.5002, 13.4718,
16.0338

■ 78.8378, 84.0351,
96.0636

■ 7.1599, 7.7543,
9.3935

102.5900,
109.2336, 124.3650

■ 3.6095, 3.9381,
4.8984

130.6897,
139.0243, 157.7414

■ 1.4837, 1.6390,
2.1301

163.5020,
173.7916, 196.6115

■ 0.3147, 0.3837,
0.6336

201.3925,

■ 0.0000, 0.0000,

213.9199, 241.3937

0.0000

244.7264,
259.7935, 292.5065

■ 30.0120, 32.1489,
37.4245

■ 30.0120, 32.1489,
37.4245

■ 26.4934, 29.0557,
37.0134

■ 33.9652, 35.5254,
37.8684

■ 23.3901, 26.2323,
36.6320

■ 38.3660, 39.1898,
38.3437

■ 20.6855, 23.6705,
36.2801

■ 43.2300, 43.1519,
38.8521

■ 18.3603, 21.3594,
35.9565

■ 48.5713, 47.4197,
39.3944

■ 16.3941, 19.2879,
35.6603

■ 54.4035, 52.0006,
39.9712

■ 14.7641, 17.4433,
35.3902

■ 60.7395, 56.9021,
40.5833

■ 13.4446, 15.8116,
35.1448

■ 66.3663, 61.4996,
41.1742

■ 12.4060, 14.3767,
34.9226

■ 67.5511, 63.8693,
41.5691

■ 11.5989, 13.1123,
34.7210

■ 68.7783, 66.3236,
41.9782

Harmonies

Analogous

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



29.6776, 32.1489, 36.2846



30.0120, 32.1489, 37.4245



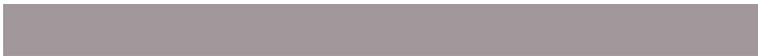
30.4953, 32.1489, 37.9154

Triad

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



30.0120, 32.1489, 37.4245



31.5567, 32.1489, 35.1807



30.1171, 32.1489, 32.5239

Complementary

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



30.0120, 32.1489, 37.4245



30.6314, 31.6107, 32.0914

Split Complementary

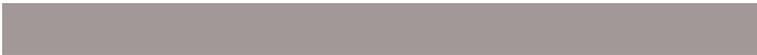
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



30.6180, 32.1489, 32.2469



30.0120, 32.1489, 37.4245



31.4527, 32.1489, 33.7552

Square

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



30.0120, 32.1489, 37.4245



31.3902, 32.1489, 36.5972



31.1077, 32.1489, 32.6915



29.7378, 32.1489, 33.4591

Rectangle

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



30.0120, 32.1489, 37.4245



30.8382, 32.1489, 37.7987



31.1077, 32.1489, 32.6915



30.2767, 32.1489, 32.3519

Sweetspot

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



30.0129, 32.1503, 37.4252



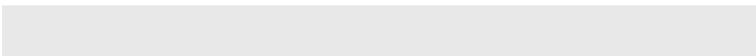
57.5511, 60.8439, 67.4542



30.0010, 33.2278, 34.0261



12.9940, 13.7335, 15.2096



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

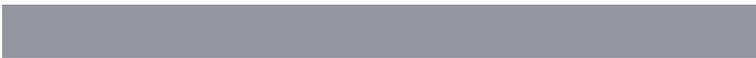
The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.0129, 32.1503, 37.4252



52.6738, 56.6433, 66.9005



29.0704, 30.2651, 37.1110



6.6355, 7.1368, 8.4345



9.0553, 10.2021, 27.3992



0.1991, 0.2568, 0.5023

Inverse Universe

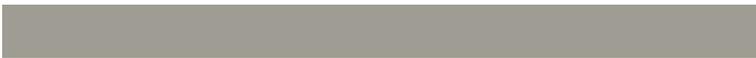
The Inverse Universe completely reimagines the original color for something new.



30.6490, 30.6056, 35.3040



54.0484, 53.3371, 62.3088



31.5883, 33.5244, 32.4104



6.8101, 6.7170, 7.8512



13.3689, 6.6521, 11.4595



0.2578, 0.1265, 0.3038

Previews

White Background



This preview shows how the XYZ color 30.0120, 32.1489, 37.4245 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 30.0120, 32.1489, 37.4245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

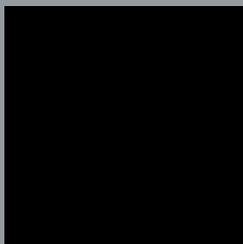
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

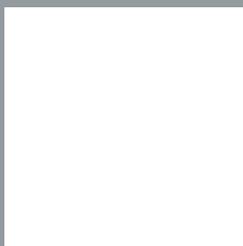
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0120, 32.1489, 37.4245

Background



This preview shows how black text looks on a background with the XYZ color 30.0120, 32.1489, 37.4245.



This preview shows how white text looks on a background with the XYZ color 30.0120, 32.1489,

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

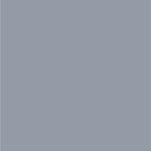
30.0120, 32.1489, 37.4245

Protanopia

31.0804, 32.2197, 36.9287

Deuteranopia

32.6097, 32.0323, 37.7218



Tritanopia

30.6513, 32.1603, 40.6685

Trichromacy



Original Color

30.0120, 32.1489, 37.4245

Protanomaly

30.6761, 32.2552, 36.9568

Deuteranomaly

31.5123, 31.9404, 37.7619

Tritanomaly

30.3792, 32.0514, 39.2357

Monochromacy



Original Color

30.0120, 32.1489, 37.4245

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.2345, 32.0571, 35.6045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0120, 32.1489, 37.4245 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(147, 155, 159) looks like.

```
.text, #text, p{  
    color:rgb(147, 155, 159)  
}
```

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(147, 155, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 155, 159) }
```

Border

The CSS property to change the border of an element to XYZ 30.0120, 32.1489, 37.4245 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(147, 155, 159) }
```

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

```
.border{ border-color:rgb(147, 155, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 155, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 155, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 155, 159);  
box-shadow:4px 4px 4px 4px rgb(147, 155,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0120, 32.1489, 37.4245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 155, 159) }
```

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

```
.background{ background-color: rgb(147,  
155, 159) }
```

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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