

Converting Colors

XYZ(30.6683, 34.6981, 32.6354)

Have a look what the booklet for
XYZ(30.6683, 34.6981, 32.6354)
contains.

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Color

**XYZ(30.5764, 34.5969,
32.6701)**

Conversions

Conversions Part 1

Format	Color
Hex	94A393
RGB	148, 163, 147
RGB Percent	58%, 64%, 58%
CMY	0.4196, 0.3608, 0.4235
CMYK	0.09, 0.00, 0.10, 0.36
HSL	116°, 8%, 61%
HSV	116°, 10%, 64%
XYZ	30.5764, 34.5969, 32.6701
YIQ	156.6910, -3.8040, -8.1560

Conversions

Conversions Part 2

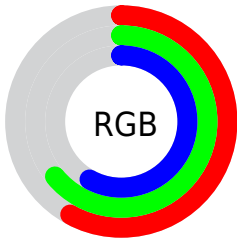
Format	Color
RYB	147, 163, 162
Decimal	9741203
CIELab	65.43, -8.41, 6.51
CIELCh	65, 10.633, 142.255
Yxy	34.5969, 0.3125, 0.3536
Android (android.graphics.Color)	4287931283 (0xFF94A393)
YUV	156.6910, -4.7777, -7.6220
Hunter-Lab	58.8191, -10.1425, 8.2418

Details

The XYZ color **30.5764, 34.5969, 32.6701** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.9463, 31.1942, 38.9895**, and the grayscale version is **31.9318, 33.5948, 36.5847**.

A 20% lighter version of the original color is **59.9711, 66.9164, 65.0137**, and **12.7255, 14.7548, 13.2436** is the 20% darker color. If you saturate the color by 10%, you get **26.8029, 32.7900, 26.2831**, and if you desaturate by 10%, it is **34.8981, 36.6674, 40.0304**.

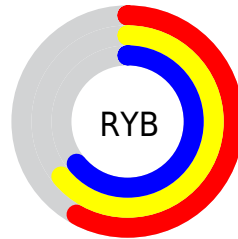
Distribution



Red (58%)

Green (64%)

Blue (58%)



Red (58%)

Yellow (64%)

Blue (64%)

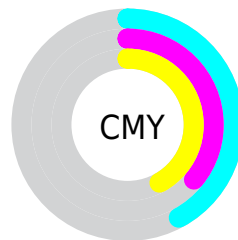


Cyan (9%)

Magenta (0%)

Yellow (10%)

Black (36%)



Cyan (42%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5764, 34.5969, 32.6701 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 30.5764, 34.5969, 32.6701 by changing the saturation by 10% instead.

■ 30.5764, 34.5969,
32.6701

■ 30.5764, 34.5969,
32.6701

296.4439,
322.7855, 328.7469

■ 20.4267, 23.3525,
21.6048

■ 59.9529, 66.8608,
64.9702

■ 12.8157, 14.8540,
13.3713

■ 79.9105, 88.6492,
87.0421

■ 7.3779, 8.7170,
7.5510

103.8681,
114.7210, 113.6199

■ 3.7479, 4.5571,
3.7254

132.1911,
145.4606, 145.1222

■ 1.5605, 1.9898,
1.4759

165.2448,
181.2525, 181.9675

■ 0.3665, 0.6015,
0.1999

203.3946,

■ 0.0000, 0.0000,

222.4810, 224.5743

0.0000

247.0058,
269.5305, 273.3613

■ 30.5764, 34.5969,
32.6701

■ 30.5764, 34.5969,
32.6701

■ 26.8029, 32.7900,
26.2831

■ 34.8981, 36.6674,
40.0304

■ 23.5529, 31.2320,
20.8264

■ 39.7857, 39.0069,
48.3999

■ 20.8042, 29.9133,
16.2574

■ 45.2596, 41.6260,
57.8156

■ 18.5318, 28.8220,
12.5292

■ 51.3384, 44.5337,
68.3117

■ 16.7086, 27.9452,
9.5905

■ 58.0398, 47.7384,
79.9210

■ 15.3046, 27.2689,
7.3846

■ 65.3808, 51.2481,
92.6751

■ 14.2864, 26.7770,
5.8469

■ 72.3792, 54.6713,
101.3456

■ 13.6154, 26.4512,
4.9020

■ 72.3879, 54.6758,
101.3460

■ 13.2305, 26.2640,
4.3807

Harmonies

Analogous

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



31.7645, 34.5969, 30.2913



30.5764, 34.5969, 32.6701



30.0101, 34.5969, 36.5284

Triad

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



30.5764, 34.5969, 32.6701



32.4822, 34.5969, 46.8030



35.7274, 34.5969, 34.5209

Complementary

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



30.5764, 34.5969, 32.6701



31.9463, 31.1942, 38.9895

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.



35.9343, 34.5969, 38.8354



30.5764, 34.5969, 32.6701



34.0281, 34.5969, 46.1594

Square

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



30.5764, 34.5969, 32.6701



31.0877, 34.5969, 44.8512



35.3034, 34.5969, 43.1560



34.7468, 34.5969, 31.2997

Rectangle

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



30.5764, 34.5969, 32.6701



30.0486, 34.5969, 39.5161



35.3034, 34.5969, 43.1560



35.8909, 34.5969, 35.8825

Sweetspot

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



30.5774, 34.5984, 32.6709



59.8814, 64.4130, 67.2248



33.2809, 35.7121, 32.7433



13.3102, 14.4003, 14.8616



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.



30.5774, 34.5984, 32.6709



53.0451, 61.1389, 55.6002



30.9581, 34.7299, 35.6157



7.0246, 7.9152, 7.5376



10.2926, 20.4165, 3.3983



0.2278, 0.4350, 0.0719

Inverse Universe

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



31.9463, 31.1942, 38.9895



56.0480, 53.6709, 69.4616



31.5456, 31.0574, 35.8154



7.3204, 7.1796, 8.9030



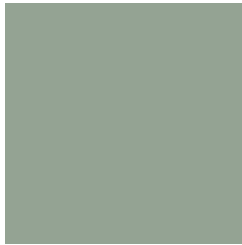
15.3353, 7.3121, 27.5329



0.3344, 0.1599, 0.5791

Previews

White Background



This preview shows how the XYZ color 30.5764, 34.5969, 32.6701 looks on a white background.

Color Contrast Check

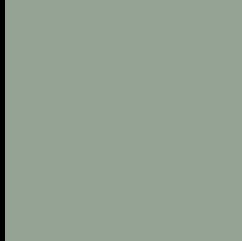
Large Text (above 18pt) WCAG AA × Fail

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 30.5764, 34.5969, 32.6701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

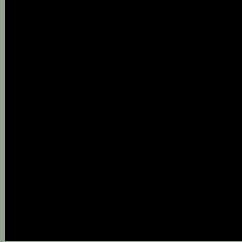
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

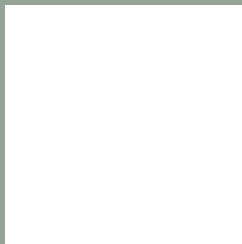
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5764, 34.5969, 32.6701

Background



This preview shows how black text looks on a background with the XYZ color 30.5764, 34.5969, 32.6701.



This preview shows how white text looks on a background with the XYZ color 30.5764, 34.5969,

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

30.5764, 34.5969, 32.6701

Protanopia

32.7780, 34.4667, 31.3107

Deuteranopia

35.1761, 34.4174, 33.2230



Tritanopia

32.7934, 34.4502, 43.9509

Trichromacy



Original Color

30.5764, 34.5969, 32.6701

Protanomaly

31.9797, 34.5569, 31.7727

Deuteranomaly

33.3386, 34.4675, 32.9127

Tritanomaly

31.9442, 34.3653, 39.5999

Monochromacy



Original Color

30.5764, 34.5969, 32.6701

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.4743, 33.9662, 35.0343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5764, 34.5969, 32.6701 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(148, 163, 147)` looks like.

```
.text, #text, p{  
    color:rgb(148, 163, 147)  
}
```

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(148, 163, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 163, 147) }
```

Border

The CSS property to change the border of an element to XYZ 30.5764, 34.5969, 32.6701 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(148, 163, 147) }
```


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

```
.border{ border-color:rgb(148, 163, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 163, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 163, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 163, 147);  
box-shadow:4px 4px 4px 4px rgb(148, 163,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5764, 34.5969, 32.6701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 163, 147) }
```

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

```
.background{ background-color: rgb(148,  
163, 147) }
```

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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