

Converting Colors

XYZ(30.1529, 32.7407, 26.6911)

Have a look what the booklet for
XYZ(30.1529, 32.7407, 26.6911)
contains.

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Color

**XYZ(30.1539, 32.7120,
26.5546)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9C84
RGB	158, 156, 132
RGB Percent	62%, 61%, 52%
CMY	0.3804, 0.3882, 0.4823
CMYK	0.00, 0.01, 0.16, 0.38
HSL	55°, 12%, 57%
HSV	55°, 16%, 62%
XYZ	30.1539, 32.7120, 26.5546
YIQ	153.8620, 8.8960, -7.0400

Conversions

Conversions Part 2

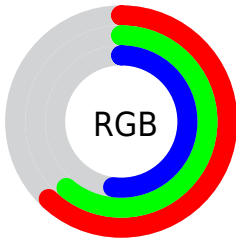
Format	Color
RYB	134, 158, 132
Decimal	10394756
CIELab	63.93, -3.50, 12.85
CIELCh	64, 13.317, 105.235
Yxy	32.7120, 0.3372, 0.3658
Android (android.graphics.Color)	4288584836 (0xFF9E9C84)
YUV	153.8620, -10.7780, 3.6290
Hunter-Lab	57.1944, -5.9819, 12.5085

Details

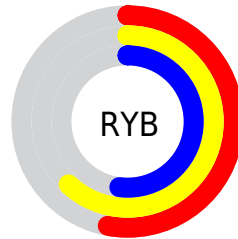
The XYZ color **30.1539, 32.7120, 26.5546** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.2123, 24.4239, 35.7862**, and the grayscale version is **30.6984, 32.2971, 35.1716**.

A 20% lighter version of the original color is **59.2441, 63.7421, 55.0799**, and **12.5184, 13.7765, 9.9820** is the 20% darker color. If you saturate the color by 10%, you get **28.9513, 31.9079, 21.2174**, and if you desaturate by 10%, it is **31.5240, 33.5886, 32.7564**.

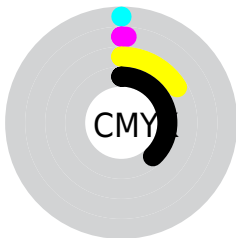
Distribution



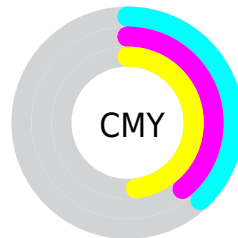
- Red (62%)
- Green (61%)
- Blue (52%)



- Red (53%)
- Yellow (62%)
- Blue (52%)



- Cyan (0%)
- Magenta (1%)
- Yellow (16%)
- Black (38%)



- Cyan (38%)
- Magenta (39%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1539, 32.7120, 26.5546 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 30.1539, 32.7120, 26.5546 by changing the saturation by 10% instead.

■ 30.1539, 32.7120,
26.5546

■ 30.1539, 32.7120,
26.5546

294.5181,
314.3500, 299.1857

■ 20.1041, 21.9059,
17.0095

■ 59.2904, 63.9256,
55.1633

■ 12.5794, 13.7878,
10.0793

■ 79.1079, 85.1020,
75.0641

■ 7.2146, 7.9732,
5.3452

■ 102.9119,
110.5038, 99.2538

■ 3.6442, 4.0778,
2.3890

131.0678,
140.5156, 128.1510

■ 1.5029, 1.7172,
0.7804

163.9411,
175.5217, 162.1742

■ 0.3278, 0.4347,
0.0000

201.8970,

■ 0.0000, 0.0000,

215.9066, 201.7421

0.0000

245.3009,
262.0545, 247.2731

■ 30.1539, 32.7120,
26.5546

■ 30.1539, 32.7120,
26.5546

■ 28.9513, 31.9079,
21.2174

■ 31.5240, 33.5886,
32.7564

■ 27.9064, 31.1690,
16.7041

■ 33.0660, 34.5360,
39.8569

■ 27.0120, 30.4936,
12.9737

■ 34.7872, 35.5584,
47.8911

■ 26.2596, 29.8782,
9.9810

■ 36.6938, 36.6583,
56.8912

■ 25.6397, 29.3190,
7.6761

■ 38.7915, 37.8379,
66.8880

■ 25.1416, 28.8118,
6.0030

■ 41.0861, 39.0996,
77.9112

■ 24.7531, 28.3515,
4.8969

■ 43.5828, 40.4454,
89.9888

■ 24.4562, 27.9311,
4.2631

■ 45.7343, 41.6564,
100.2378

■ 24.3592, 27.7861,
4.0794

■ 45.9554, 42.0987,
100.3115

Harmonies

Analogous

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



32.0198, 32.7120, 26.5366



30.1539, 32.7120, 26.5546



28.6014, 32.7120, 28.8297

Triad

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



30.1539, 32.7120, 26.5546



28.6212, 32.7120, 43.4640



34.7103, 32.7120, 38.3149

Complementary

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



30.1539, 32.7120, 26.5546



24.2123, 24.4239, 35.7862

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.



33.7227, 32.7120, 43.3957



30.1539, 32.7120, 26.5546



30.1819, 32.7120, 46.5652

Square

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



30.1539, 32.7120, 26.5546



27.7410, 32.7120, 38.4008



32.0489, 32.7120, 46.5390



34.7021, 32.7120, 32.9727

Rectangle

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



30.1539, 32.7120, 26.5546



27.9313, 32.7120, 31.4649



32.0489, 32.7120, 46.5390



34.4821, 32.7120, 40.1210

Sweetspot

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



30.1548, 32.7134, 26.5553



57.6086, 61.2220, 61.1382



26.6669, 25.4980, 26.1318



12.9479, 13.7775, 13.6009



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.



30.1548, 32.7134, 26.5553



53.8652, 58.8166, 44.2257



28.4546, 32.3384, 26.5725



7.1266, 7.6331, 7.0834



19.5219, 22.2794, 3.2714



0.3606, 0.4215, 0.0624

Inverse Universe

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



24.2123, 24.4239, 35.7862



40.8534, 40.6658, 64.4395



25.7221, 24.7964, 35.7785



6.3237, 6.5131, 8.3305



5.0621, 2.2157, 26.0681



0.1011, 0.0609, 0.4696

Previews

White Background



This preview shows how the XYZ color 30.1539, 32.7120, 26.5546 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 30.1539, 32.7120, 26.5546 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

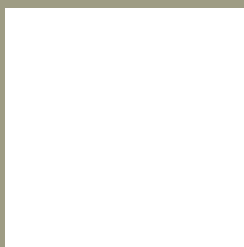
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1539, 32.7120, 26.5546

Background



This preview shows how black text looks on a background with the XYZ color 30.1539, 32.7120, 26.5546.



This preview shows how white text looks on a background with the XYZ color 30.1539, 32.7120,

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

30.1539, 32.7120, 26.5546

Protanopia

30.7566, 32.5364, 26.1318

Deuteranopia

33.1125, 32.5355, 26.7251



Tritanopia

32.7394, 32.7822, 39.2524

Trichromacy



Original Color

30.1539, 32.7120, 26.5546

Protanomaly

30.5160, 32.6585, 26.1681

Deuteranomaly

32.0394, 32.6960, 26.8126

Tritanomaly

31.7567, 32.6265, 34.3296

Monochromacy



Original Color

30.1539, 32.7120, 26.5546

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.4272, 32.4866, 31.8610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1539, 32.7120, 26.5546 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, 156, 132)` looks like.

```
.text, #text, p{  
    color:rgb(158, 156, 132)  
}
```

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, 156, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 156, 132) }
```

Border

The CSS property to change the border of an element to XYZ 30.1539, 32.7120, 26.5546 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, 156, 132) }
```


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

```
.border{ border-color:rgb(158, 156, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 156, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 156, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 156, 132);  
box-shadow:4px 4px 4px 4px rgb(158, 156,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1539, 32.7120, 26.5546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 156, 132) }
```

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

```
.background{ background-color: rgb(158,  
156, 132) }
```

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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