

Converting Colors

XYZ(30.1445, 34.1233, 26.4811)

Have a look what the booklet for
XYZ(30.1445, 34.1233, 26.4811)
contains.

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Color

**XYZ(30.1539, 34.2517,
26.4947)**

Conversions

Conversions Part 1

Format	Color
Hex	99A283
RGB	153, 162, 131
RGB Percent	60%, 64%, 51%
CMY	0.4000, 0.3647, 0.4863
CMYK	0.06, 0.00, 0.19, 0.36
HSL	77°, 14%, 57%
HSV	77°, 19%, 64%
XYZ	30.1539, 34.2517, 26.4947
YIQ	155.7750, 4.5870, -11.5490

Conversions

Conversions Part 2

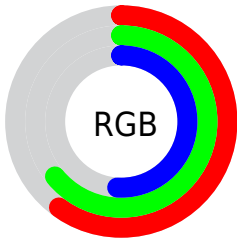
Format	Color
RYB	131, 162, 140
Decimal	10068611
CIELab	65.16, -8.82, 15.07
CIELCh	65, 17.464, 120.341
Yxy	34.2517, 0.3317, 0.3768
Android (android.graphics.Color)	4288258691 (0xFF99A283)
YUV	155.7750, -12.2141, -2.4337
Hunter-Lab	58.5250, -10.4498, 14.1264

Details

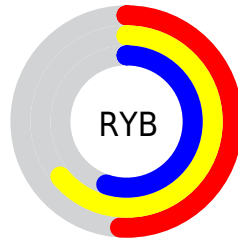
The XYZ color **30.1539, 34.2517, 26.4947** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.4546, 24.4177, 37.5559**, and the grayscale version is **31.5517, 33.1948, 36.1492**.

A 20% lighter version of the original color is **59.1967, 66.3518, 55.0346**, and **12.5406, 14.5707, 9.9361** is the 20% darker color. If you saturate the color by 10%, you get **28.2703, 33.3988, 21.1163**, and if you desaturate by 10%, it is **32.2460, 35.1943, 32.7805**.

Distribution



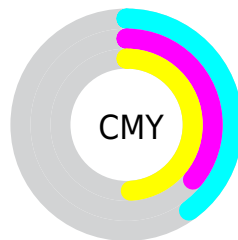
- Red (60%)
- Green (64%)
- Blue (51%)



- Red (51%)
- Yellow (64%)
- Blue (55%)



- Cyan (6%)
- Magenta (0%)
- Yellow (19%)
- Black (36%)



- Cyan (40%)
- Magenta (36%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1539, 34.2517, 26.4947 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, 34.2517, 26.4947 by changing the saturation by 10% instead.

■ 30.1539, 34.2517,
26.4947

■ 30.1539, 34.2517,
26.4947

294.5181,
321.2529, 298.8845

■ 20.1041, 23.0870,
16.9650

■ 59.2904, 66.3249,
55.0658

■ 12.5794, 14.6578,
10.0479

■ 79.1079, 88.0022,
74.9443

■ 7.2146, 8.5796,
5.3247

■ 102.9119,
113.9525, 99.1095

■ 3.6442, 4.4680,
2.3769

131.0678,
144.5602, 127.9799

■ 1.5029, 1.9386,
0.7739

163.9411,
180.2097, 161.9740

■ 0.3278, 0.5715,
0.0000

201.8970,

■ 0.0000, 0.0000,

221.2854, 201.5105

0.0000

245.3009,
268.1717, 247.0078

■ 30.1539, 34.2517,
26.4947

■ 30.1539, 34.2517,
26.4947

■ 28.2703, 33.3988,
21.1163

■ 32.2460, 35.1943,
32.7805

■ 26.5843, 32.6278,
16.6012

■ 34.5518, 36.2254,
40.0107

■ 25.0876, 31.9365,
12.9048

■ 37.0796, 37.3493,
48.2229

■ 23.7706, 31.3210,
9.9779

■ 39.8363, 38.5690,
57.4521

■ 22.6224, 30.7768,
7.7657

■ 42.8287, 39.8873,
67.7314

■ 21.6308, 30.2992,
6.2065

■ 46.0631, 41.3066,
79.0925

■ 20.7817, 29.8822,
5.2277

■ 49.5457, 42.8294,
91.5658

■ 20.0464, 29.5145,
4.6805

■ 52.3666, 44.0920,
100.3583

■ 19.9852, 29.4839,
4.6376

■ 53.5661, 44.7103,
100.4145

Harmonies

Analogous

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



32.5262, 34.2517, 25.0012



30.1539, 34.2517, 26.4947



28.4995, 34.2517, 30.8025

Triad

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



30.1539, 34.2517, 26.4947



30.2017, 34.2517, 50.7919



37.6782, 34.2517, 37.2113

Complementary

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



30.1539, 34.2517, 26.4947



25.4546, 24.4177, 37.5559

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.



36.9785, 34.2517, 44.6395



30.1539, 34.2517, 26.4947



32.5842, 34.2517, 53.0727

Square

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



30.1539, 34.2517, 26.4947



28.5260, 34.2517, 44.8019



35.0807, 34.2517, 50.6899



36.9470, 34.2517, 30.6761

Rectangle

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



30.1539, 34.2517, 26.4947



27.9814, 34.2517, 35.0001



35.0807, 34.2517, 50.6899



37.6022, 34.2517, 39.6866

Sweetspot

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



30.1548, 34.2532, 26.4954



59.7609, 64.4378, 63.2910



28.3448, 28.0141, 25.3866



13.3658, 14.4473, 14.0402



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.



30.1548, 34.2532, 26.4954



53.2246, 61.4950, 43.7010



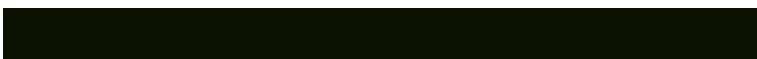
27.4527, 32.8602, 26.3690



7.4481, 8.1335, 7.5575



15.7882, 23.2496, 3.6555



0.3750, 0.5108, 0.0788

Inverse Universe

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



25.4546, 24.4177, 37.5559



43.0877, 40.2796, 67.5599



28.2112, 25.8388, 37.6849



6.8848, 6.9550, 8.8826



6.1015, 2.5519, 27.1008



0.1729, 0.0766, 0.5715

Previews

White Background



This preview shows how the XYZ color 30.1539, 34.2517, 26.4947 looks on a white background.

Color Contrast Check

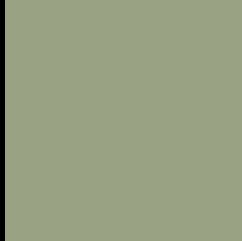
Large Text (above 18pt) WCAG AA × Fail

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, 34.2517, 26.4947 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

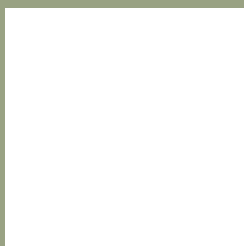
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1539, 34.2517, 26.4947

Background



This preview shows how black text looks on a background with the XYZ color 30.1539, 34.2517, 26.4947.



This preview shows how white text looks on a background with the XYZ color 30.1539, 34.2517,

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, 34.2517, 26.4947

Protanopia

32.1257, 34.2542, 25.6874

Deuteranopia

34.7533, 34.0950, 26.9396



Tritanopia

33.3190, 34.2476, 42.3905

Trichromacy



Original Color

30.1539, 34.2517, 26.4947

Protanomaly

31.3277, 34.0894, 26.0479

Deuteranomaly

32.8479, 34.1008, 26.6806

Tritanomaly

32.0248, 34.2308, 35.9297

Monochromacy



Original Color

30.1539, 34.2517, 26.4947

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.0109, 33.5289, 32.4410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1539, 34.2517, 26.4947 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(153, 162, 131)` looks like.

```
.text, #text, p{  
    color:rgb(153, 162, 131)  
}
```

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(153, 162, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 162, 131) }
```

Border

The CSS property to change the border of an element to XYZ 30.1539, 34.2517, 26.4947 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(153, 162, 131) }
```


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

```
.border{ border-color:rgb(153, 162, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 162, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 162, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 162, 131);  
box-shadow:4px 4px 4px 4px rgb(153, 162,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1539, 34.2517, 26.4947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 162, 131) }
```

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

```
.background{ background-color: rgb(153,  
162, 131) }
```

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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