

Converting Colors

XYZ(29.0700, 33.9636, 26.1427)

Have a look what the booklet for
XYZ(29.0700, 33.9636, 26.1427)
contains.

XYZ(29.1591, 34.0091, 26.1467)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.1591, 34.0091,
26.1467)**

Conversions

Conversions Part 1

Format	Color
Hex	93A382
RGB	147, 163, 130
RGB Percent	58%, 64%, 51%
CMY	0.4235, 0.3608, 0.4902
CMYK	0.10, 0.00, 0.20, 0.36
HSL	89°, 15%, 57%
HSV	89°, 20%, 64%
XYZ	29.1591, 34.0091, 26.1467
YIQ	154.4540, 1.0570, -13.6550

Conversions

Conversions Part 2

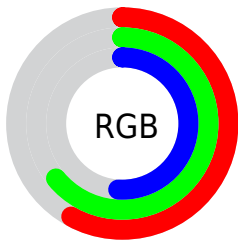
Format	Color
RYB	130, 163, 146
Decimal	9675650
CIELab	64.97, -11.79, 15.29
CIELCh	65, 19.306, 127.626
Yxy	34.0091, 0.3265, 0.3808
Android (android.graphics.Color)	4287865730 (0xFF93A382)
YUV	154.4540, -12.0558, -6.5372
Hunter-Lab	58.3173, -12.8040, 14.2393

Details

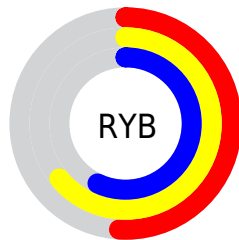
The XYZ color **29.1591, 34.0091, 26.1467** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.4489, 24.7215, 38.0298**, and the grayscale version is **30.9666, 32.5793, 35.4788**.

A 20% lighter version of the original color is **57.7060, 65.9792, 54.4936**, and **11.9935, 14.4498, 9.9415** is the 20% darker color. If you saturate the color by 10%, you get **26.7818, 32.9011, 20.7696**, and if you desaturate by 10%, it is **31.8090, 35.2396, 32.4428**.

Distribution



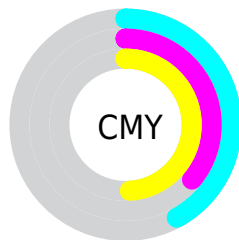
- Red (58%)
- Green (64%)
- Blue (51%)



- Red (51%)
- Yellow (64%)
- Blue (57%)



- Cyan (10%)
- Magenta (0%)
- Yellow (20%)
- Black (36%)



- Cyan (42%)
- Magenta (36%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1591, 34.0091, 26.1467 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 29.1591, 34.0091, 26.1467 by changing the saturation by 10% instead.

■ 29.1591, 34.0091,
26.1467

■ 29.1591, 34.0091,
26.1467

289.9456,
320.1726, 297.1298

■ 19.3461, 22.9006,
16.7067

■ 57.7256, 65.9478,
54.4985

■ 12.0261, 14.5201,
9.8658

■ 77.2098, 87.5468,
74.2474

■ 6.8338, 8.4833,
5.2057

■ 100.6484,
113.4114, 98.2696

■ 3.4038, 4.4057,
2.3076

128.4068,
143.9261, 126.9837

■ 1.3707, 1.9030,
0.7355

160.8504,
179.4751, 160.8082

■ 0.2352, 0.5502,
0.0000

198.3445,

■ 0.0000, 0.0000,

220.4430, 200.1617

0.0000

241.2544,
267.2140, 245.4627

■ 29.1591, 34.0091,
26.1467

■ 29.1591, 34.0091,
26.1467

■ 26.7818, 32.9011,
20.7696

■ 31.8090, 35.2396,
32.4428

■ 24.6642, 31.9070,
16.2662

■ 34.7383, 36.5922,
39.6959

■ 22.7966, 31.0236,
12.5910

■ 37.9569, 38.0722,
47.9443

■ 21.1671, 30.2460,
9.6932

■ 41.4732, 39.6832,
57.2239

■ 19.7631, 29.5689,
7.5164

■ 45.2955, 41.4287,
67.5686

■ 18.5701, 28.9863,
5.9969

■ 49.4317, 43.3120,
79.0108

■ 17.5716, 28.4913,
5.0595

■ 53.8892, 45.3363,
91.5814

■ 16.7507, 28.0788,
4.5369

■ 57.7928, 47.1517,
100.6629

■ 60.1025, 48.3424,
100.7710

Harmonies

Analogous

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



31.6180, 34.0091, 23.7950



29.1591, 34.0091, 26.1467



27.6136, 34.0091, 31.4847

Triad

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



29.1591, 34.0091, 26.1467



30.3254, 34.0091, 53.1304



37.9382, 34.0091, 35.0286

Complementary

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



29.1591, 34.0091, 26.1467



26.4489, 24.7215, 38.0298

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.



37.5431, 34.0091, 43.1912



29.1591, 34.0091, 26.1467



33.0417, 34.0091, 54.4394

Square

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



29.1591, 34.0091, 26.1467



28.2595, 34.0091, 47.2233



35.7113, 34.0091, 50.5789



36.7620, 34.0091, 28.4207

Rectangle

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



29.1591, 34.0091, 26.1467



27.2558, 34.0091, 36.3974



35.7113, 34.0091, 50.5789



37.9859, 34.0091, 37.6701

Sweetspot

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



29.1600, 34.0106, 26.1474



59.0720, 64.0827, 63.2588



29.4060, 29.9418, 25.3491



13.1962, 14.3598, 14.0323



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.



29.1600, 34.0106, 26.1474



50.3744, 60.0474, 42.5860



26.4180, 32.5970, 26.0191



7.3172, 8.0660, 7.5513



13.0704, 21.8485, 3.5283



0.3290, 0.4871, 0.0767

Inverse Universe

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



26.4489, 24.7215, 38.0298



44.6837, 40.5493, 67.5278



29.5867, 26.3391, 38.1767



7.0121, 7.0206, 8.8886



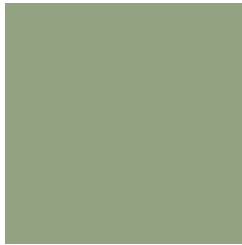
7.6985, 3.3752, 27.1755



0.2163, 0.0990, 0.5736

Previews

White Background



This preview shows how the XYZ color 29.1591, 34.0091, 26.1467 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 29.1591, 34.0091, 26.1467 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 29.1591, 34.0091, 26.1467

Background



This preview shows how black text looks on a background with the XYZ color 29.1591, 34.0091, 26.1467.



This preview shows how white text looks on a background with the XYZ color 29.1591, 34.0091,

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

29.1591, 34.0091, 26.1467

Protanopia

31.8241, 33.8617, 24.9373

Deuteranopia

34.2875, 33.6229, 26.5125



Tritanopia

32.6194, 34.1283, 42.8984

Trichromacy



Original Color

29.1591, 34.0091, 26.1467

Protanomaly

30.7916, 33.8284, 25.3287

Deuteranomaly

32.1803, 33.5164, 26.2460

Tritanomaly

31.2497, 34.0875, 35.9429

Monochromacy



Original Color

29.1591, 34.0091, 26.1467

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.9303, 32.7376, 31.5296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1591, 34.0091, 26.1467 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, 163, 130)` looks like.

```
.text, #text, p{  
    color:rgb(147, 163, 130)  
}
```

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, 163, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 163, 130) }
```

Border

The CSS property to change the border of an element to XYZ 29.1591, 34.0091, 26.1467 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, 163, 130) }
```


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

```
.border{ border-color:rgb(147, 163, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 163, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 163, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 163, 130);  
box-shadow:4px 4px 4px 4px rgb(147, 163,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1591, 34.0091, 26.1467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 163, 130) }
```

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

```
.background{ background-color: rgb(147,  
163, 130) }
```

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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