

Converting Colors

XYZ(27.4879, 26.1703, 34.0139)

Have a look what the booklet for
XYZ(27.4879, 26.1703, 34.0139)
contains.

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Color

**XYZ(27.4947, 26.1556,
34.1713)**

Conversions

Conversions Part 1

Format	Color
Hex	99869A
RGB	153, 134, 154
RGB Percent	60%, 53%, 60%
CMY	0.4000, 0.4745, 0.3961
CMYK	0.01, 0.13, 0.00, 0.40
HSL	297°, 9%, 56%
HSV	297°, 13%, 60%
XYZ	27.4947, 26.1556, 34.1713
YIQ	141.9610, 4.9040, 10.2480

Conversions

Conversions Part 2

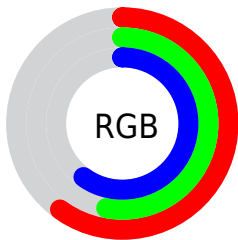
Format	Color
R_{YB}	153, 134, 154
Decimal	10061466
CIE _{Lab}	58.18, 10.92, -8.01
CIE _{LCh}	58, 13.541, 323.737
Yxy	26.1556, 0.3131, 0.2978
Android (android.graphics.Color)	4288251546 (0xFF99869A)
YUV	141.9610, 5.9352, 9.6812
Hunter-Lab	51.1425, 6.4638, -3.8153

Details

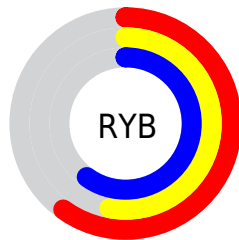
The XYZ color **27.4947, 26.1556, 34.1713** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.8514, 29.9841, 26.9806**, and the grayscale version is **25.6723, 27.0093, 29.4131**.

A 20% lighter version of the original color is **54.8876, 53.3601, 67.0812**, and **11.0980, 10.1447, 14.2052** is the 20% darker color. If you saturate the color by 10%, you get **25.3747, 22.1303, 33.5065**, and if you desaturate by 10%, it is **29.9272, 30.8036, 34.9406**.

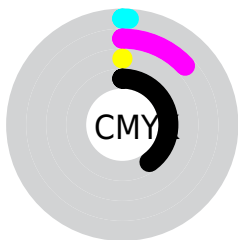
Distribution



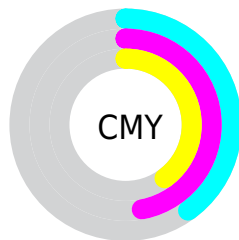
- Red (60%)
- Green (53%)
- Blue (60%)



- Red (60%)
- Yellow (53%)
- Blue (60%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (40%)



- Cyan (40%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4947, 26.1556, 34.1713 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 27.4947, 26.1556, 34.1713 by changing the saturation by 10% instead.

■ 27.4947, 26.1556,
34.1713

■ 27.4947, 26.1556,
34.1713

282.1685,
283.5451, 335.6876

■ 18.0836, 16.9401,
22.7468

■ 55.0910, 53.5259,
67.3369

■ 11.1101, 10.1918,
14.2031

■ 74.0069, 72.4494,
89.9151

■ 6.2088, 5.5263,
8.1217

■ 96.8218, 95.3777,
117.0483

■ 3.0143, 2.5592,
4.0840

123.9010,
122.6952, 149.1549

■ 1.1613, 0.9062,
1.6716

155.6100,
154.7863, 186.6537

■ 0.0755, 0.0000,
0.3411

192.3140,

■ 0.0000, 0.0000,

192.0354, 229.9630

0.0000

234.3784,
234.8269, 279.5015

■ 27.4947, 26.1556,
34.1713

■ 27.4947, 26.1556,
34.1713

■ 25.3747, 22.1303,
33.5065

■ 29.9272, 30.8036,
34.9406

■ 23.5515, 18.6976,
32.9400

■ 32.6823, 36.0959,
35.8170

■ 22.0116, 15.8301,
32.4677

■ 35.7727, 42.0575,
36.8048

■ 20.7394, 13.4967,
32.0843

■ 39.2096, 48.7106,
37.9078

■ 19.7180, 11.6634,
31.7843

■ 43.0038, 56.0769,
39.1297

■ 18.9284, 10.2925,
31.5613

■ 47.1655, 64.1767,
40.4738

■ 18.3491, 9.3405,
31.4081

■ 51.7045, 73.0299,
41.9433

■ 17.9542, 8.7562,
31.3161

■ 55.9230, 81.2406,
43.3058

■ 17.7403, 8.4716,
31.2725

■ 56.0764, 81.3197,
43.3130

Harmonies

Analogous

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



26.1533, 26.1556, 37.5876



27.4947, 26.1556, 34.1713



28.1337, 26.1556, 29.4772

Triad

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



27.4947, 26.1556, 34.1713



25.2063, 26.1556, 20.4007



22.0796, 26.1556, 32.2775

Complementary

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



27.4947, 26.1556, 34.1713



25.8514, 29.9841, 26.9806

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.



21.8509, 26.1556, 27.5036



27.4947, 26.1556, 34.1713



23.6103, 26.1556, 20.9754

Square

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



27.4947, 26.1556, 34.1713



26.7755, 26.1556, 21.7905



22.3994, 26.1556, 23.4568



23.0384, 26.1556, 36.4127

Rectangle

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



27.4947, 26.1556, 34.1713



28.0561, 26.1556, 26.3846



22.3994, 26.1556, 23.4568



21.9166, 26.1556, 30.6814

Sweetspot

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



27.4955, 26.1567, 34.1719



53.8524, 54.9758, 63.3093



24.3760, 24.8238, 34.0790



12.1144, 12.3001, 14.3060



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



27.4955, 26.1567, 34.1719



48.6004, 44.9525, 61.6515



26.9890, 25.9760, 30.5153



6.4307, 6.3079, 7.8076



14.4623, 6.9067, 25.4786



0.2242, 0.1074, 0.3813

Inverse Universe

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



26.2256, 25.6707, 26.4957



45.7716, 43.8709, 44.4986



26.3208, 30.1533, 30.2883



6.2207, 6.2274, 6.5423



10.8958, 5.6126, 0.7105



0.1658, 0.0851, 0.0260

Previews

White Background



This preview shows how the XYZ color 27.4947, 26.1556, 34.1713 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4947, 26.1556, 34.1713 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 × Fail

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

XYZ 27.4947, 26.1556, 34.1713

Background



This preview shows how black text looks on a background with the XYZ color 27.4947, 26.1556, 34.1713.



This preview shows how white text looks on a background with the XYZ color 27.4947, 26.1556,

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

27.4947, 26.1556, 34.1713

Protanopia

25.6349, 26.2179, 35.6077

Deuteranopia

26.6695, 26.1445, 34.2126



Tritanopia

26.8012, 26.0787, 30.8152

Trichromacy



Original Color

27.4947, 26.1556, 34.1713

Protanomaly

26.2741, 26.1313, 35.1115

Deuteranomaly

26.8911, 26.0506, 34.1828

Tritanomaly

27.0377, 26.1733, 32.0607

Monochromacy



Original Color

27.4947, 26.1556, 34.1713

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.2750, 26.6516, 30.9536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4947, 26.1556, 34.1713 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, 134, 154)` looks like.

```
.text, #text, p{  
    color:rgb(153, 134, 154)  
}
```

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, 134, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 134, 154) }
```

Border

The CSS property to change the border of an element to XYZ 27.4947, 26.1556, 34.1713 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, 134, 154) }
```


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

```
.border{ border-color:rgb(153, 134, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 134, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 134, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 134, 154);  
box-shadow:4px 4px 4px 4px rgb(153, 134,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4947, 26.1556, 34.1713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 134, 154) }
```

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

```
.background{ background-color: rgb(153,  
134, 154) }
```

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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