

Converting Colors

XYZ(28.4584, 26.6524, 34.2164)

Have a look what the booklet for
XYZ(28.4584, 26.6524, 34.2164)
contains.

XYZ(28.4584, 26.6524, 34.2164)	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(28.4584, 26.6524,
34.2164)**

Conversions

Conversions Part 1

Format	Color
Hex	9E869A
RGB	158, 134, 154
RGB Percent	62%, 53%, 60%
CMY	0.3804, 0.4745, 0.3961
CMYK	0.00, 0.15, 0.03, 0.38
HSL	310°, 11%, 57%
HSV	310°, 15%, 62%
XYZ	28.4584, 26.6524, 34.2164
YIQ	143.4560, 7.8840, 11.3080

Conversions

Conversions Part 2

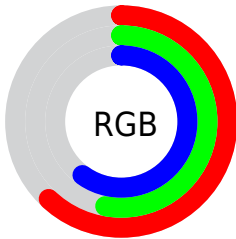
Format	Color
R_{YB}	158, 134, 154
Decimal	10389146
CIE _{Lab}	58.65, 12.73, -7.26
CIE _{LCh}	59, 14.654, 330.280
Yxy	26.6524, 0.3186, 0.2984
Android (android.graphics.Color)	4288579226 (0xFF9E869A)
YUV	143.4560, 5.1982, 12.7551
Hunter-Lab	51.6260, 8.0513, -3.1578

Details

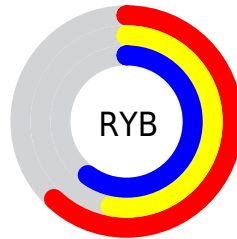
The XYZ color $28.4584, 26.6524, 34.2164$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $26.6469, 31.3578, 28.6944$, and the grayscale version is $26.2690, 27.6371, 30.0968$.

A 20% lighter version of the original color is $56.5961, 54.2408, 67.1611$, and $11.5624, 10.3841, 14.2269$ is the 20% darker color. If you saturate the color by 10%, you get $26.2190, 22.5204, 32.3998$, and if you desaturate by 10%, it is $31.0305, 31.4412, 36.1683$.

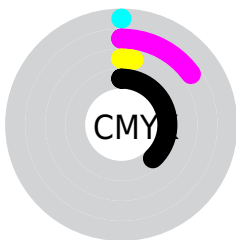
Distribution



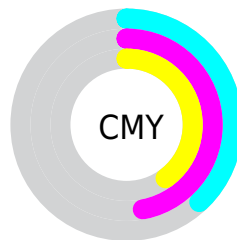
- Red (62%)
- Green (53%)
- Blue (60%)



- Red (62%)
- Yellow (53%)
- Blue (60%)



- Cyan (0%)
- Magenta (15%)
- Yellow (3%)
- Black (38%)



- Cyan (38%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4584, 26.6524, 34.2164 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 28.4584, 26.6524, 34.2164 by changing the saturation by 10% instead.

■ 28.4584, 26.6524,
34.2164

■ 28.4584, 26.6524,
34.2164

286.6914,
285.9701, 335.8945

■ 18.8137, 17.3123,
22.7812

■ 56.6190, 54.3256,
67.4078

■ 11.6390, 10.4574,
14.2282

■ 75.8656, 73.4275,
90.0010

■ 6.5688, 5.7033,
8.1390

■ 99.0436, 96.5521,
117.1507

■ 3.2378, 2.6655,
4.0950

126.5183,
124.0839, 149.2754

■ 1.2807, 0.9597,
1.6776

158.6551,
156.4072, 186.7935

■ 0.1687, 0.0000,
0.3453

195.8193,

■ 0.0000, 0.0000,

193.9064, 230.1237

0.0000

238.3763,
236.9659, 279.6845

■ 28.4584, 26.6524,
34.2164

■ 28.4584, 26.6524,
34.2164

■ 26.2190, 22.5204,
32.3998

■ 31.0305, 31.4412,
36.1683

■ 24.2954, 19.0129,
30.7118

■ 33.9464, 36.9104,
38.2584

■ 22.6730, 16.1000,
29.1475

■ 37.2198, 43.0867,
40.4916

■ 21.3348, 13.7480,
27.7014

■ 40.8627, 49.9942,
42.8723

■ 20.2624, 11.9200,
26.3669

■ 44.8868, 57.6561,
45.4043

■ 19.4348, 10.5744,
25.1371

■ 49.3030, 66.0944,
48.0915

■ 18.8283, 9.6634,
24.0038

■ 54.1220, 75.3303,
50.9376

■ 18.4122, 9.1258,
22.9566

■ 57.6055, 81.8871,
53.3633

■ 18.2427, 8.9260,
22.4710

■ 57.8669, 81.9917,
54.7399

Harmonies

Analogous

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



27.1178, 26.6524, 38.4486



28.4584, 26.6524, 34.2164



28.9532, 26.6524, 28.9715

Triad

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



28.4584, 26.6524, 34.2164



25.3154, 26.6524, 20.1939



22.4596, 26.6524, 34.3101

Complementary

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



28.4584, 26.6524, 34.2164



26.6469, 31.3578, 28.6944

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.



22.0267, 26.6524, 29.0684



28.4584, 26.6524, 34.2164



23.6270, 26.6524, 21.2744

Square

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



28.4584, 26.6524, 34.2164



27.0871, 26.6524, 21.2350



22.4440, 26.6524, 24.3782



23.6550, 26.6524, 38.5071

Rectangle

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



28.4584, 26.6524, 34.2164



28.7193, 26.6524, 25.7182



22.4440, 26.6524, 24.3782



22.2226, 26.6524, 32.5928

Sweetspot

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



28.4592, 26.6536, 34.2170



56.3955, 57.1805, 65.7137



25.1790, 24.9234, 35.8318



12.6402, 12.7528, 14.7604



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.



28.4592, 26.6536, 34.2170



50.3303, 45.9015, 61.0672



27.5091, 26.2735, 29.2137



6.8566, 6.7356, 8.0962



14.6227, 7.1536, 18.0620



0.2730, 0.1325, 0.3836

Inverse Universe

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



28.4592, 26.6536, 34.2170



50.3303, 45.9015, 61.0672



27.5643, 31.7248, 33.5257



6.8566, 6.7356, 8.0962



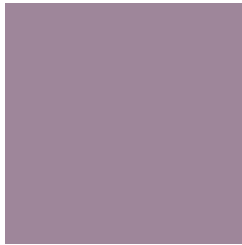
14.6227, 7.1536, 18.0620



0.2730, 0.1325, 0.3836

Previews

White Background



This preview shows how the XYZ color 28.4584, 26.6524, 34.2164 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 28.4584, 26.6524, 34.2164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

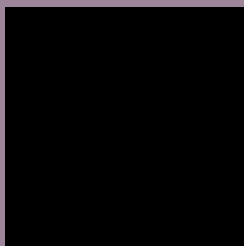
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.4584, 26.6524, 34.2164

Background



This preview shows how black text looks on a background with the XYZ color 28.4584, 26.6524, 34.2164.



This preview shows how white text looks on a background with the XYZ color 28.4584, 26.6524,

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

28.4584, 26.6524, 34.2164

Protanopia

26.1971, 26.7138, 36.1233

Deuteranopia

27.0899, 26.5808, 33.8398



Tritanopia

27.7569, 26.5714, 30.8600

Trichromacy



Original Color

28.4584, 26.6524, 34.2164

Protanomaly

27.0283, 26.7223, 35.6317

Deuteranomaly

27.5028, 26.5836, 33.8186

Tritanomaly

27.9934, 26.6660, 32.1054

Monochromacy



Original Color

28.4584, 26.6524, 34.2164

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.8573, 27.1587, 31.4304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4584, 26.6524, 34.2164 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, 134, 154)` looks like.

```
.text, #text, p{  
    color:rgb(158, 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(158, 134, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 134, 154) }
```

Border

The CSS property to change the border of an element to XYZ 28.4584, 26.6524, 34.2164 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, 134, 154) }
```


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

```
.border{ border-color:rgb(158, 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(158, 134, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 134, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 134, 154);  
box-shadow:4px 4px 4px 4px rgb(158, 134,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4584, 26.6524, 34.2164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 134, 154) }
```

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

```
.background{ background-color: rgb(158,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor