

Converting Colors

XYZ(26.6341, 28.9825, 24.4408)

Have a look what the booklet for
XYZ(26.6341, 28.9825, 24.4408)
contains.

XYZ(26.6989, 29.0342, 24.6191)	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(26.6989, 29.0342,
24.6191)**

Conversions

Conversions Part 1

Format	Color
Hex	949480
RGB	148, 148, 128
RGB Percent	58%, 58%, 50%
CMY	0.4196, 0.4196, 0.4980
CMYK	0.00, 0.00, 0.14, 0.42
HSL	60°, 9%, 54%
HSV	60°, 14%, 58%
XYZ	26.6989, 29.0342, 24.6191
YIQ	145.7200, 6.4200, -6.2200

Conversions

Conversions Part 2

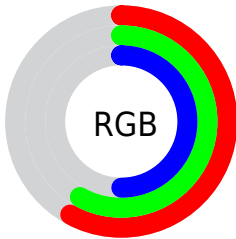
Format	Color
R_{YB}	128, 148, 128
Decimal	9737344
CIE Lab	60.81, -3.63, 10.59
CIE LCh	61, 11.195, 108.908
Yxy	29.0342, 0.3323, 0.3613
Android (android.graphics.Color)	4287927424 (0xFF949480)
YUV	145.7200, -8.7360, 1.9996
Hunter-Lab	53.8834, -5.8503, 10.6290

Details

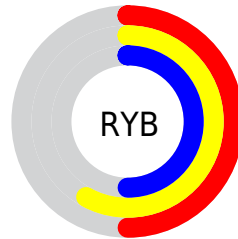
The XYZ color **26.6989, 29.0342, 24.6191** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.9677, 22.1665, 31.1393**, and the grayscale version is **27.2404, 28.6590, 31.2097**.

A 20% lighter version of the original color is **53.8181, 58.1338, 52.1005**, and **10.6157, 11.6553, 9.0873** is the 20% darker color. If you saturate the color by 10%, you get **25.7948, 28.6735, 19.8572**, and if you desaturate by 10%, it is **27.7467, 29.4543, 30.1308**.

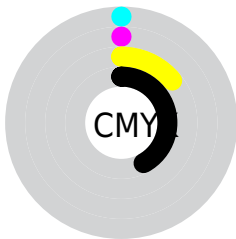
Distribution



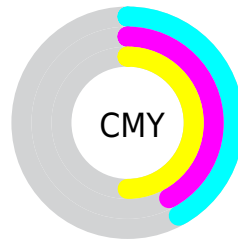
- Red (58%)
- Green (58%)
- Blue (50%)



- Red (50%)
- Yellow (58%)
- Blue (50%)



- Cyan (0%)
- Magenta (0%)
- Yellow (14%)
- Black (42%)



- Cyan (42%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6989, 29.0342, 24.6191 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 26.6989, 29.0342, 24.6191 by changing the saturation by 10% instead.

■ 26.6989, 29.0342,
24.6191

■ 26.6989, 29.0342,
24.6191

278.3905,
297.3763, 289.3224

■ 17.4826, 19.1067,
15.5771

■ 53.8236, 58.1314,
51.9950

■ 10.6766, 11.7474,
9.0743

■ 72.4628, 78.0699,
71.1660

■ 5.9155, 6.5719,
4.6922

■ 94.9736, 102.1142,
94.5504

■ 2.8339, 3.1959,
2.0123

121.7215,
130.6487, 122.5668

■ 1.0666, 1.2348,
0.5628

153.0718,
164.0577, 155.6336

■ 0.0000, 0.0899,
0.0000

189.3898,

■ 0.0000, 0.0000,

202.7258, 194.1695

0.0000

231.0409,
247.0371, 238.5929

■ 26.6989, 29.0342,
24.6191

■ 26.6989, 29.0342,
24.6191

■ 25.7948, 28.6735,
19.8572

■ 27.7467, 29.4543,
30.1308

■ 25.0260, 28.3659,
15.8108

■ 28.9416, 29.9323,
36.4206

■ 24.3866, 28.1101,
12.4461

■ 30.2898, 30.4717,
43.5179

■ 23.8695, 27.9032,
9.7255

■ 31.7965, 31.0744,
51.4498

■ 23.4669, 27.7421,
7.6079

■ 33.4666, 31.7425,
60.2422

■ 23.1701, 27.6233,
6.0474

■ 35.3049, 32.4779,
69.9199

■ 22.9692, 27.5429,
4.9918

■ 37.3158, 33.2823,
80.5067

■ 22.8523, 27.4961,
4.3785

■ 39.5036, 34.1575,
92.0255

■ 22.7994, 27.4749,
4.1015

■ 40.8574, 34.6990,
99.1519

Harmonies

Analogous

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



28.1382, 29.0342, 24.3805



26.6989, 29.0342, 24.6191



25.5397, 29.0342, 26.6312

Triad

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



26.6989, 29.0342, 24.6191



25.7968, 29.0342, 38.0486



30.4354, 29.0342, 33.1809

Complementary

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



26.6989, 29.0342, 24.6191



21.9677, 22.1665, 31.1393

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.



29.7601, 29.0342, 37.1810



26.6989, 29.0342, 24.6191



27.0611, 29.0342, 40.1514

Square

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



26.6989, 29.0342, 24.6191



25.0316, 29.0342, 34.2831



28.5133, 29.0342, 39.8206



30.3301, 29.0342, 29.0858

Rectangle

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



26.6989, 29.0342, 24.6191



25.0658, 29.0342, 28.8151



28.5133, 29.0342, 39.8206



30.2912, 29.0342, 34.5871

Sweetspot

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



26.6997, 29.0355, 24.6197



48.8437, 51.9233, 52.5757



23.8291, 23.2935, 23.6627



11.1187, 11.8404, 11.8372



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



26.6997, 29.0355, 24.6197



46.6351, 51.0398, 40.9503



24.9685, 28.1430, 24.5387



6.2654, 6.7446, 6.2121



19.4733, 23.4667, 3.5032



0.2384, 0.2872, 0.0429

Inverse Universe

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



21.9677, 22.1665, 31.1393



36.7438, 36.6815, 54.5782



23.5466, 22.9804, 31.2132



5.4996, 5.6330, 7.2672



4.5660, 1.8264, 24.0429



0.0559, 0.0224, 0.2943

Previews

White Background



This preview shows how the XYZ color 26.6989, 29.0342, 24.6191 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 26.6989, 29.0342, 24.6191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

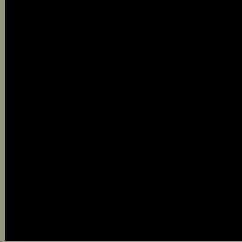
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6989, 29.0342, 24.6191

Background



This preview shows how black text looks on a background with the XYZ color 26.6989, 29.0342, 24.6191.



This preview shows how white text looks on a background with the XYZ color 26.6989, 29.0342,

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

26.6989, 29.0342, 24.6191

Protanopia

27.4361, 28.9601, 24.2225

Deuteranopia

29.4237, 28.8502, 24.7867



Tritanopia

28.8385, 28.9885, 35.0857

Trichromacy



Original Color

26.6989, 29.0342, 24.6191

Protanomaly

27.2134, 29.0751, 24.2564

Deuteranomaly

28.4329, 29.0051, 24.8688

Tritanomaly

27.9987, 28.8744, 30.8857

Monochromacy



Original Color

26.6989, 29.0342, 24.6191

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.1265, 28.9346, 28.5813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6989, 29.0342, 24.6191 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(148, 148, 128)` looks like.

```
.text, #text, p{  
    color:rgb(148, 148, 128)  
}
```

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(148, 148, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 148, 128) }
```

Border

The CSS property to change the border of an element to XYZ 26.6989, 29.0342, 24.6191 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(148, 148, 128) }
```


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

```
.border{ border-color:rgb(148, 148, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 148, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 148, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 148, 128);  
box-shadow:4px 4px 4px 4px rgb(148, 148,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6989, 29.0342, 24.6191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 148, 128) }
```

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

```
.background{ background-color: rgb(148,  
148, 128) }
```

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