

Converting Colors

XYZ(29.6705, 29.2100, 34.3966)

Have a look what the booklet for
XYZ(29.6705, 29.2100, 34.3966)
contains.

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Color

**XYZ(29.6728, 29.2139,
34.2119)**

Conversions

Conversions Part 1

Format	Color
Hex	9E8F99
RGB	158, 143, 153
RGB Percent	62%, 56%, 60%
CMY	0.3804, 0.4392, 0.4000
CMYK	0.00, 0.09, 0.03, 0.38
HSL	320°, 7%, 59%
HSV	320°, 9%, 62%
XYZ	29.6728, 29.2139, 34.2119
YIQ	148.6250, 5.7300, 6.2900

Conversions

Conversions Part 2

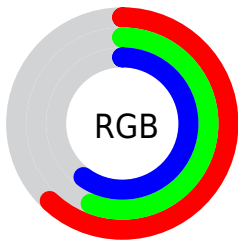
Format	Color
R _Y B	158, 143, 153
Decimal	10391449
CIE Lab	60.97, 7.42, -3.26
CIE LCh	61, 8.108, 336.285
Yxy	29.2139, 0.3187, 0.3138
Android (android.graphics.Color)	4288581529 (0xFF9E8F99)
YUV	148.6250, 2.1569, 8.2219
Hunter-Lab	54.0499, 3.4073, 0.3062

Details

The XYZ color **29.6728, 29.2139, 34.2119** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.9010, 32.4323, 32.7554**, and the grayscale version is **28.3998, 29.8789, 32.5381**.

A 20% lighter version of the original color is **58.6693, 58.5836, 67.2471**, and **12.3760, 11.9138, 14.2177** is the 20% darker color. If you saturate the color by 10%, you get **27.0407, 24.6303, 31.2353**, and if you desaturate by 10%, it is **32.6599, 34.4759, 37.4023**.

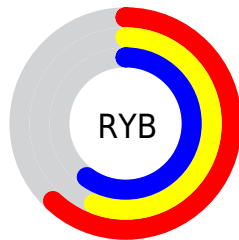
Distribution



Red (62%)

Green (56%)

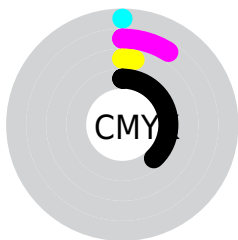
Blue (60%)



Red (62%)

Yellow (56%)

Blue (60%)

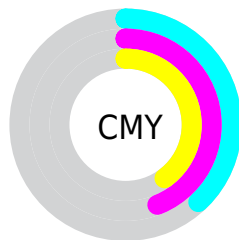


Cyan (0%)

Magenta (9%)

Yellow (3%)

Black (38%)



Cyan (38%)

Magenta (44%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6728, 29.2139, 34.2119 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 29.6728, 29.2139, 34.2119 by changing the saturation by 10% instead.

■ 29.6728, 29.2139,
34.2119

■ 29.6728, 29.2139,
34.2119

292.3136,
298.2229, 335.8738

■ 19.7372, 19.2427,
22.7778

■ 58.5345, 58.4168,
67.4007

■ 12.3113, 11.8458,
14.2257

■ 78.1914, 78.4172,
89.9925

■ 7.0298, 6.6387,
8.1373

■ 101.8194,
102.5295, 117.1405

■ 3.5272, 3.2372,
4.0939

129.7838,
131.1381, 149.2634

■ 1.4383, 1.2568,
1.6770

162.4501,
164.6273, 186.7796

■ 0.2833, 0.1074,
0.3449

200.1836,

■ 0.0000, 0.0000,

203.3816, 230.1077

0.0000

243.3496,
247.7853, 279.6663

■ 29.6728, 29.2139,
34.2119

■ 29.6728, 29.2139,
34.2119

■ 27.0407, 24.6303,
31.2353

■ 32.6599, 34.4759,
37.4023

■ 24.7468, 20.6933,
28.4647

■ 36.0128, 40.4388,
40.8103

■ 22.7771, 17.3746,
25.8944

■ 39.7449, 47.1286,
44.4419

■ 21.1151, 14.6418,
23.5178

■ 43.8683, 54.5690,
48.3021

■ 19.7431, 12.4599,
21.3278

■ 48.3943, 62.7825,
52.3959

■ 18.6415, 10.7899,
19.3163

■ 53.3340, 71.7907,
56.7282

■ 17.7880, 9.5880,
17.4747

■ 58.6979, 81.6143,
61.3034

■ 17.1566, 8.8025,
15.7929

■ 59.7273, 82.7358,
64.5365

■ 16.6898, 8.3188,
14.2504

■ 60.3343, 82.9786,
67.7324

Harmonies

Analogous

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



28.9892, 29.2139, 36.7439



29.6728, 29.2139, 34.2119



29.8400, 29.2139, 31.1750

Triad

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



29.6728, 29.2139, 34.2119



27.5447, 29.2139, 26.3586



26.1581, 29.2139, 35.3856

Complementary

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



29.6728, 29.2139, 34.2119



28.9010, 32.4323, 32.7554

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.



25.7922, 29.2139, 32.4515



29.6728, 29.2139, 34.2119



26.5795, 29.2139, 27.3370

Square

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



29.6728, 29.2139, 34.2119



28.5938, 29.2139, 26.7641



25.9445, 29.2139, 29.5213



26.9562, 29.2139, 37.4511

Rectangle

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



29.6728, 29.2139, 34.2119



29.6325, 29.2139, 29.2963



25.9445, 29.2139, 29.5213



25.9814, 29.2139, 34.4613

Sweetspot

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



29.6736, 29.2152, 34.2125



57.3001, 59.0561, 65.8105



28.2079, 28.4108, 36.3454



12.8215, 13.1436, 14.7342



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.



29.6736, 29.2152, 34.2125



53.0176, 51.5332, 61.1701



29.0735, 28.9751, 31.0524



6.8100, 6.7169, 7.8508



13.3673, 6.6515, 11.4511



0.2578, 0.1264, 0.3037

Inverse Universe

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



29.6736, 29.2152, 34.2125



53.0176, 51.5332, 61.1701



29.5140, 32.6775, 35.9835



6.8100, 6.7169, 7.8508



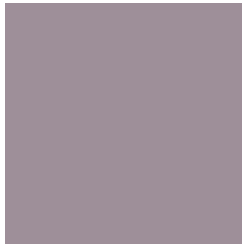
13.3673, 6.6515, 11.4511



0.2578, 0.1264, 0.3037

Previews

White Background



This preview shows how the XYZ color 29.6728, 29.2139, 34.2119 looks on a white background.

Color Contrast Check

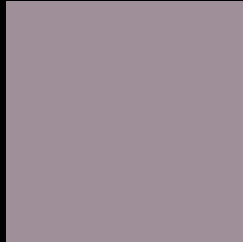
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6728, 29.2139, 34.2119 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

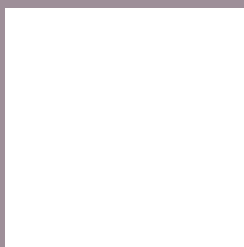
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.6728, 29.2139, 34.2119

Background



This preview shows how black text looks on a background with the XYZ color 29.6728, 29.2139, 34.2119.



This preview shows how white text looks on a background with the XYZ color 29.6728, 29.2139,

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

29.6728, 29.2139, 34.2119

Protanopia

28.4080, 29.2202, 35.1531

Deuteranopia

29.8703, 29.3158, 34.2212



Tritanopia

29.7557, 29.2471, 34.6488

Trichromacy



Original Color

29.6728, 29.2139, 34.2119

Protanomaly

28.9070, 29.2593, 34.6959

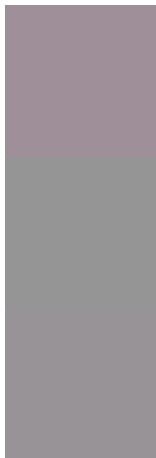
Deuteranomaly

29.8703, 29.3158, 34.2212

Tritanomaly

29.7557, 29.2471, 34.6488

Monochromacy



Original Color

29.6728, 29.2139, 34.2119

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.8876, 29.7448, 33.0729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6728, 29.2139, 34.2119 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, 143, 153)` looks like.

```
.text, #text, p{  
    color:rgb(158, 143, 153)  
}
```

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, 143, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 143, 153) }
```

Border

The CSS property to change the border of an element to XYZ 29.6728, 29.2139, 34.2119 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, 143, 153) }
```


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

```
.border{ border-color:rgb(158, 143, 153) }
```

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

Here you see how a box with a 4 pixel rgb(158, 143, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 143, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 143, 153);  
box-shadow:4px 4px 4px 4px rgb(158, 143,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6728, 29.2139, 34.2119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 143, 153) }
```

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

```
.background{ background-color: rgb(158,  
143, 153) }
```

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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