

Converting Colors

XYZ(29.1684, 29.8221, 34.4329)

Have a look what the booklet for
XYZ(29.1684, 29.8221, 34.4329)
contains.

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Color

**XYZ(29.1324, 29.8427,
34.3618)**

Conversions

Conversions Part 1

Format	Color
Hex	989399
RGB	152, 147, 153
RGB Percent	60%, 58%, 60%
CMY	0.4039, 0.4235, 0.4000
CMYK	0.01, 0.04, 0.00, 0.40
HSL	290°, 3%, 59%
HSV	290°, 4%, 60%
XYZ	29.1324, 29.8427, 34.3618
YIQ	149.1790, 1.0540, 2.9260

Conversions

Conversions Part 2

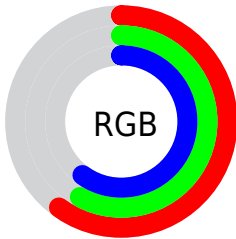
Format	Color
R_{YB}	152, 147, 153
Decimal	9999257
CIE _{Lab}	61.52, 2.99, -2.51
CIE _{LCh}	62, 3.905, 319.927
Yxy	29.8427, 0.3121, 0.3197
Android (android.graphics.Color)	4288189337 (0xFF989399)
YUV	149.1790, 1.8838, 2.4740
Hunter-Lab	54.6285, -0.4089, 0.9460

Details

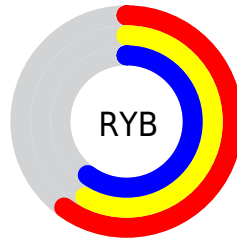
The XYZ color **29.1324, 29.8427, 34.3618** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.8715, 31.1857, 32.1029**, and the grayscale version is **28.6351, 30.1264, 32.8076**.

A 20% lighter version of the original color is **57.6027, 59.4001, 67.4609**, and **11.9480, 12.0918, 14.2746** is the 20% darker color. If you saturate the color by 10%, you get **26.4378, 25.1542, 33.5993**, and if you desaturate by 10%, it is **32.1554, 35.1720, 35.2316**.

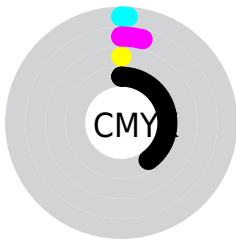
Distribution



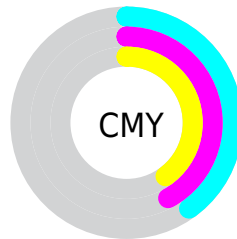
- Red (60%)
- Green (58%)
- Blue (60%)



- Red (60%)
- Yellow (58%)
- Blue (60%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (40%)



- Cyan (40%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1324, 29.8427, 34.3618 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 29.1324, 29.8427, 34.3618 by changing the saturation by 10% instead.

■ 29.1324, 29.8427,
34.3618

■ 29.1324, 29.8427,
34.3618

289.8221,
301.1706, 336.5606

■ 19.3258, 19.7192,
22.8921

■ 57.6835, 59.4133,
67.6362

■ 12.0113, 12.1911,
14.3093

■ 77.1587, 79.6293,
90.2780

■ 6.8236, 6.8740,
8.1949

100.5874,
103.9782, 117.4809

■ 3.3974, 3.3834,
4.1303

128.3351,
132.8444, 149.6634

■ 1.3672, 1.3350,
1.6971

160.7670,
166.6123, 187.2441

■ 0.2327, 0.1681,
0.3588

198.2486,

■ 0.0000, 0.0000,

205.6664, 230.6415

0.0000

241.1452,
250.3910, 280.2741

■ 29.1324, 29.8427,
34.3618

■ 29.1324, 29.8427,
34.3618

■ 26.4378, 25.1542,
33.5993

■ 32.1554, 35.1720,
35.2316

■ 24.0566, 21.0777,
32.9380

■ 35.5161, 41.1616,
36.2106

■ 21.9763, 17.5882,
32.3741

■ 39.2265, 47.8352,
37.3031

■ 20.1828, 14.6571,
31.9028

■ 43.2971, 55.2139,
38.5128

■ 18.6606, 12.2538,
31.5192

■ 47.7383, 63.3180,
39.8430

■ 17.3928, 10.3445,
31.2175

■ 52.5598, 72.1670,
41.2969

■ 16.3604, 8.8914,
30.9914

■ 57.7710, 81.7796,
42.8777

■ 15.5419, 7.8514,
30.8338

■ 58.6123, 82.6366,
42.9987

■ 14.9112, 7.1727,
30.7360

■ 59.1792, 82.9288,
43.0253

Harmonies

Analogous

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



28.7049, 29.8427, 35.2454



29.1324, 29.8427, 34.3618



29.3550, 29.8427, 32.9943

Triad

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



29.1324, 29.8427, 34.3618



28.5389, 29.8427, 29.7694



27.4399, 29.8427, 33.4740

Complementary

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



29.1324, 29.8427, 34.3618



28.8715, 31.1857, 32.1029

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.



27.3967, 29.8427, 31.9980



29.1324, 29.8427, 34.3618



28.0270, 29.8427, 29.8890

Square

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



29.1324, 29.8427, 34.3618



29.0096, 29.8427, 30.3626



27.6104, 29.8427, 30.6944



27.7292, 29.8427, 34.7221

Rectangle

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



29.1324, 29.8427, 34.3618



29.3555, 29.8427, 32.0051



27.6104, 29.8427, 30.6944



27.3963, 29.8427, 32.9871

Sweetspot

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



29.1333, 29.8440, 34.3624



53.6821, 56.0941, 61.9699



28.3892, 29.7155, 34.3769



11.8608, 12.3990, 13.6856



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



29.1333, 29.8440, 34.3624



51.5745, 52.3977, 61.3675



29.1655, 29.8786, 33.5515



6.5930, 6.6775, 7.8704



12.0708, 5.6738, 25.3666



0.2041, 0.0970, 0.3803

Inverse Universe

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



28.9169, 29.7791, 32.2422



51.0760, 52.2488, 56.4602



28.8417, 31.1530, 32.8861



6.5238, 6.6569, 7.1881



11.0159, 5.6606, 1.3427



0.1740, 0.0883, 0.0689

Previews

White Background



This preview shows how the XYZ color 29.1324, 29.8427, 34.3618 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 29.1324, 29.8427, 34.3618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

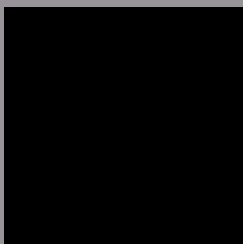
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

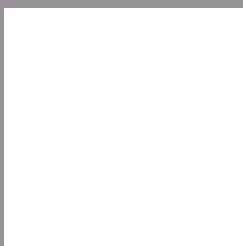
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.1324, 29.8427, 34.3618

Background



This preview shows how black text looks on a background with the XYZ color 29.1324, 29.8427, 34.3618.



This preview shows how white text looks on a background with the XYZ color 29.1324, 29.8427,

34.3618.

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

29.1324, 29.8427, 34.3618

Protanopia

28.9174, 29.9637, 34.3965

Deuteranopia

30.5039, 29.8567, 34.7270



Tritanopia

29.5873, 29.7987, 36.5401

Trichromacy



Original Color

29.1324, 29.8427, 34.3618

Protanomaly

29.1022, 30.0590, 34.4051

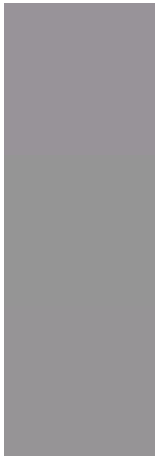
Deuteranomaly

30.0587, 29.8530, 34.7498

Tritanomaly

29.4165, 29.7304, 35.6406

Monochromacy



Original Color

29.1324, 29.8427, 34.3618

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.6726, 29.8658, 33.1076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1324, 29.8427, 34.3618 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(152, 147, 153)` looks like.

```
.text, #text, p{  
    color:rgb(152, 147, 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(152, 147, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 147, 153) }
```

Border

The CSS property to change the border of an element to XYZ 29.1324, 29.8427, 34.3618 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(152, 147, 153) }
```


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

```
.border{ border-color:rgb(152, 147, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 147, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 147, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 147, 153);  
box-shadow:4px 4px 4px 4px rgb(152, 147,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1324, 29.8427, 34.3618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 147, 153) }
```

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

```
.background{ background-color: rgb(152,  
147, 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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