

Converting Colors

XYZ(29.1022, 29.4253, 31.7496)

Have a look what the booklet for
XYZ(29.1022, 29.4253, 31.7496)
contains.

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Color

**XYZ(29.1022, 29.4253,
31.7496)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9193
RGB	156, 145, 147
RGB Percent	61%, 57%, 58%
CMY	0.3882, 0.4314, 0.4235
CMYK	0.00, 0.07, 0.06, 0.39
HSL	349°, 5%, 59%
HSV	349°, 7%, 61%
XYZ	29.1022, 29.4253, 31.7496
YIQ	148.5170, 5.9140, 2.9540

Conversions

Conversions Part 2

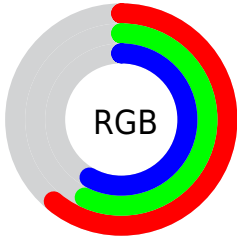
Format	Color
RYB	156, 145, 147
Decimal	10260883
CIELab	61.16, 4.44, 0.40
CIELCh	61, 4.455, 5.177
Yxy	29.4253, 0.3224, 0.3259
Android (android.graphics.Color)	4288450963 (0xFF9C9193)
YUV	148.5170, -0.7479, 6.5626
Hunter-Lab	54.2451, 0.8354, 3.2692

Details

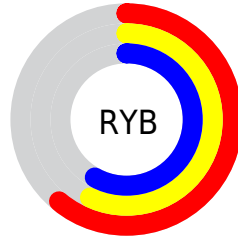
The XYZ color **29.1022, 29.4253, 31.7496** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.3994, 32.1306, 35.2258**, and the grayscale version is **28.3663, 29.8436, 32.4997**.

A 20% lighter version of the original color is **57.8300, 58.9128, 63.5817**, and **12.0756, 12.0507, 12.9988** is the 20% darker color. If you saturate the color by 10%, you get **25.9335, 24.6029, 26.0221**, and if you desaturate by 10%, it is **32.7111, 34.9495, 38.1732**.

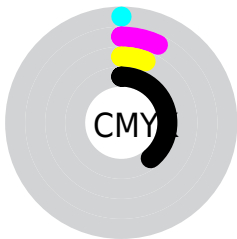
Distribution



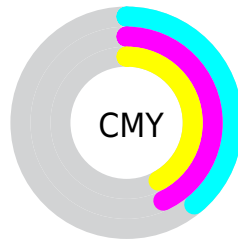
- Red (61%)
- Green (57%)
- Blue (58%)



- Red (61%)
- Yellow (57%)
- Blue (58%)



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (39%)



- Cyan (39%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1022, 29.4253, 31.7496 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 29.1022, 29.4253, 31.7496 by changing the saturation by 10% instead.

■ 29.1022, 29.4253,
31.7496

■ 29.1022, 29.4253,
31.7496

289.6824,
299.2164, 324.4345

■ 19.3028, 19.4028,
20.9071

■ 57.6359, 58.7521,
63.5117

■ 11.9946, 11.9617,
12.8655

■ 77.1008, 78.8252,
85.2683

■ 6.8122, 6.7176,
7.2064

100.5184,
103.0173, 111.5001

■ 3.3902, 3.2861,
3.5111

128.2539,
131.7128, 142.6255

■ 1.3633, 1.2829,
1.3612

160.6727,
165.2960, 179.0631

■ 0.2299, 0.1279,
0.1111

198.1401,

■ 0.0000, 0.0000,

204.1515, 221.2314

0.0000

241.0216,
248.6634, 269.5491

■ 29.1022, 29.4253,
31.7496

■ 29.1022, 29.4253,
31.7496

■ 25.9335, 24.6029,
26.0221

■ 32.7111, 34.9495,
38.1732

■ 23.1856, 20.4504,
20.9652

■ 36.7737, 41.1979,
45.3132

■ 20.8415, 16.9392,
16.5549

■ 41.3060, 48.1968,
53.1917

■ 18.8818, 14.0373,
12.7648

■ 46.3223, 55.9701,
61.8291

■ 17.2857, 11.7098,
9.5667

■ 51.8365, 64.5405,
71.2449

■ 16.0302, 9.9183,
6.9305

■ 57.8619, 73.9298,
81.4582

■ 15.0899, 8.6197,
4.8228

■ 64.4111, 84.1591,
92.4871

■ 14.4354, 7.7640,
3.2070

■ 66.5904, 85.4360,
102.7140

■ 14.0226, 7.2728,
2.0384

■ 67.5205, 85.8080,
107.6116

Harmonies

Analogous

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



29.0004, 29.4253, 33.4096



29.1022, 29.4253, 31.7496



28.8966, 29.4253, 30.2203

Triad

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



29.1022, 29.4253, 31.7496



27.3254, 29.4253, 29.4795



27.4987, 29.4253, 35.0503

Complementary

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



29.1022, 29.4253, 31.7496



29.3994, 32.1306, 35.2258

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.



27.0592, 29.4253, 33.9295



29.1022, 29.4253, 31.7496



26.9601, 29.4253, 30.7067

Square

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



29.1022, 29.4253, 31.7496



27.8666, 29.4253, 28.9392



26.8634, 29.4253, 32.3305



28.0694, 29.4253, 35.3529

Rectangle

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



29.1022, 29.4253, 31.7496



28.6146, 29.4253, 29.4687



26.8634, 29.4253, 32.3305



27.3309, 29.4253, 34.7548

Sweetspot

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



29.1030, 29.4266, 31.7502



56.0404, 58.3100, 63.3508



29.4504, 29.5208, 35.5989



12.3491, 12.8580, 13.9716



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.



29.1030, 29.4266, 31.7502



52.1816, 52.4132, 56.4516



29.4880, 30.4451, 31.1119



6.6798, 6.6648, 7.1651



11.4788, 5.8961, 1.5066



0.2171, 0.1102, 0.0896

Inverse Universe

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



29.1030, 29.4266, 31.7502



52.1816, 52.4132, 56.4516



28.9911, 31.0456, 35.9174



6.6798, 6.6648, 7.1651



11.4788, 5.8961, 1.5066



0.2171, 0.1102, 0.0896

Previews

White Background



This preview shows how the XYZ color 29.1022, 29.4253, 31.7496 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 29.1022, 29.4253, 31.7496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

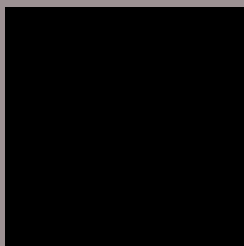
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.1022, 29.4253, 31.7496

Background



This preview shows how black text looks on a background with the XYZ color 29.1022, 29.4253, 31.7496.



This preview shows how white text looks on a background with the XYZ color 29.1022, 29.4253,

31.7496.

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

29.1022, 29.4253, 31.7496

Protanopia

28.3567, 29.4896, 32.2145

Deuteranopia

29.9892, 29.4329, 31.7043



Tritanopia

29.7943, 29.4812, 35.1305

Trichromacy



Original Color

29.1022, 29.4253, 31.7496

Protanomaly

28.5731, 29.3713, 32.1802

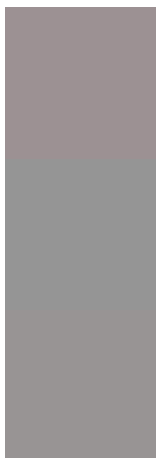
Deuteranomaly

29.7369, 29.5267, 31.7357

Tritanomaly

29.5454, 29.3816, 33.8198

Monochromacy



Original Color

29.1022, 29.4253, 31.7496

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.8841, 29.9933, 32.2839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1022, 29.4253, 31.7496 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(156, 145, 147)` looks like.

```
.text, #text, p{  
    color:rgb(156, 145, 147)  
}
```

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(156, 145, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 145, 147) }
```

Border

The CSS property to change the border of an element to XYZ 29.1022, 29.4253, 31.7496 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(156, 145, 147) }
```


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

```
.border{ border-color:rgb(156, 145, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 145, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 145, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 145, 147);  
box-shadow:4px 4px 4px 4px rgb(156, 145,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1022, 29.4253, 31.7496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 145, 147) }
```

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

```
.background{ background-color: rgb(156,  
145, 147) }
```

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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