

Converting Colors

XYZ(29.1414, 31.2188, 27.4119)

Have a look what the booklet for
XYZ(29.1414, 31.2188, 27.4119)
contains.

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Color

**XYZ(29.1190, 31.1743,
27.4042)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9887
RGB	155, 152, 135
RGB Percent	61%, 60%, 53%
CMY	0.3922, 0.4039, 0.4706
CMYK	0.00, 0.02, 0.13, 0.39
HSL	51°, 9%, 57%
HSV	51°, 13%, 61%
XYZ	29.1190, 31.1743, 27.4042
YIQ	150.9590, 7.2450, -4.6510

Conversions

Conversions Part 2

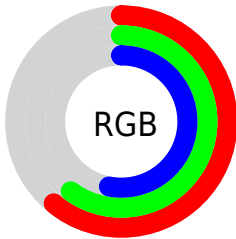
Format	Color
RYB	139, 155, 135
Decimal	10197127
CIELab	62.65, -1.96, 9.34
CIELCh	63, 9.540, 101.863
Yxy	31.1743, 0.3320, 0.3555
Android (android.graphics.Color)	4288387207 (0xFF9B9887)
YUV	150.9590, -7.8678, 3.5440
Hunter-Lab	55.8340, -4.6166, 9.9833

Details

The XYZ color **29.1190, 31.1743, 27.4042** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.9966, 25.6940, 34.6527**, and the grayscale version is **29.4290, 30.9616, 33.7172**.

A 20% lighter version of the original color is **57.7267, 61.4751, 56.4003**, and **12.0023, 12.9063, 10.4529** is the 20% darker color. If you saturate the color by 10%, you get **27.7332, 30.0237, 21.9445**, and if you desaturate by 10%, it is **30.6728, 32.4060, 33.7046**.

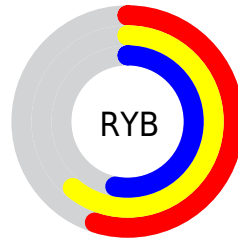
Distribution



Red (61%)

Green (60%)

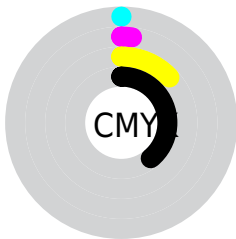
Blue (53%)



Red (55%)

Yellow (61%)

Blue (53%)

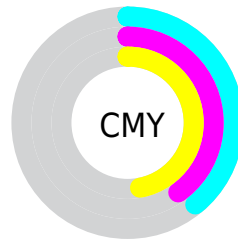


Cyan (0%)

Magenta (2%)

Yellow (13%)

Black (39%)



Cyan (39%)

Magenta (40%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1190, 31.1743, 27.4042 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 29.1190, 31.1743, 27.4042 by changing the saturation by 10% instead.

■ 29.1190, 31.1743,
27.4042

■ 29.1190, 31.1743,
27.4042

289.7601,
307.3405, 303.4308

■ 19.3156, 20.7316,
17.6419

■ 57.6624, 61.5144,
56.5434

■ 12.0039, 12.9280,
10.5264

■ 77.1330, 82.1806,
76.7574

■ 6.8186, 7.3790,
5.6392

■ 100.5568,
107.0234, 101.2923

■ 3.3942, 3.7002,
2.5618

128.2991,
136.4272, 130.5668

■ 1.3655, 1.5073,
0.8726

160.7252,
170.7764, 164.9994

■ 0.2314, 0.2939,
0.0000

198.2005,

■ 0.0000, 0.0000,

210.4555, 205.0085

0.0000

241.0903,
255.8487, 251.0128

■ 29.1190, 31.1743,
27.4042

■ 29.1190, 31.1743,
27.4042

■ 27.7332, 30.0237,
21.9445

■ 30.6728, 32.4060,
33.7046

■ 26.5060, 28.9473,
17.2874

■ 32.3985, 33.7173,
40.8776

■ 25.4309, 27.9433,
13.3950

■ 34.3031, 35.1121,
48.9557

■ 24.4998, 27.0086,
10.2254

■ 36.3923, 36.5927,
57.9693

■ 23.7041, 26.1396,
7.7328

■ 38.6718, 38.1616,
67.9474

■ 23.0339, 25.3323,
5.8662

■ 41.1468, 39.8207,
78.9175

■ 22.4781, 24.5821,
4.5670

■ 43.8224, 41.5724,
90.9065

■ 22.0236, 23.8838,
3.7659

■ 46.0524, 43.1580,
100.5108

■ 21.7384, 23.4100,
3.3728

■ 46.4936, 44.0404,
100.6579

Harmonies

Analogous

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



30.4158, 31.1743, 27.5806



29.1190, 31.1743, 27.4042



27.9921, 31.1743, 28.8828

Triad

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



29.1190, 31.1743, 27.4042



27.8061, 31.1743, 38.9523



32.0715, 31.1743, 36.2228

Complementary

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



29.1190, 31.1743, 27.4042



24.9966, 25.6940, 34.6527

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.



31.3311, 31.1743, 39.5633



29.1190, 31.1743, 27.4042



28.8583, 31.1743, 41.2168

Square

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



29.1190, 31.1743, 27.4042



27.2490, 31.1743, 35.4376



30.1474, 31.1743, 41.4482



32.1463, 31.1743, 32.4921

Rectangle

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



29.1190, 31.1743, 27.4042



27.4787, 31.1743, 30.6759



30.1474, 31.1743, 41.4482



31.8912, 31.1743, 37.4353

Sweetspot

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



29.1198, 31.1757, 27.4049



54.5885, 57.7687, 58.9550



26.7694, 26.1320, 27.6783



12.3091, 13.0392, 13.1529



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.



29.1198, 31.1757, 27.4049



51.5300, 55.3262, 46.6075



28.3076, 31.4882, 27.5080



6.6300, 7.0651, 6.6201



17.4821, 18.8466, 2.7163



0.2802, 0.3194, 0.0469

Inverse Universe

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



24.9966, 25.6940, 34.6527



42.9193, 43.8792, 61.7437



25.7361, 25.4458, 34.5658



5.9555, 6.1684, 7.8057



5.0205, 2.4378, 25.1136



0.0918, 0.0699, 0.3810

Previews

White Background



This preview shows how the XYZ color 29.1190, 31.1743, 27.4042 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 29.1190, 31.1743, 27.4042 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 ✓ Pass

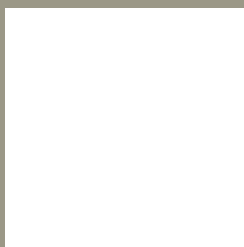
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.1190, 31.1743, 27.4042

Background



This preview shows how black text looks on a background with the XYZ color 29.1190, 31.1743, 27.4042.



This preview shows how white text looks on a background with the XYZ color 29.1190, 31.1743,

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

29.1190, 31.1743, 27.4042

Protanopia

29.4702, 31.1235, 27.0085

Deuteranopia

31.7361, 31.1060, 27.6239



Tritanopia

31.0356, 30.9870, 37.6030

Trichromacy



Original Color

29.1190, 31.1743, 27.4042

Protanomaly

29.2743, 31.0225, 26.9993

Deuteranomaly

30.7597, 31.0644, 27.6674

Tritanomaly

30.2380, 30.8974, 33.6482

Monochromacy



Original Color

29.1190, 31.1743, 27.4042

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.1263, 30.8530, 31.2082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1190, 31.1743, 27.4042 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(155, 152, 135)` looks like.

```
.text, #text, p{  
    color:rgb(155, 152, 135)  
}
```

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(155, 152, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 152, 135) }
```

Border

The CSS property to change the border of an element to XYZ 29.1190, 31.1743, 27.4042 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(155, 152, 135) }
```


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

```
.border{ border-color:rgb(155, 152, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 152, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 152, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 152, 135); box-shadow:4px 4px 4px 4px rgb(155, 152, 135) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1190, 31.1743, 27.4042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 152, 135) }
```

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

```
.background{ background-color: rgb(155,  
152, 135) }
```

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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