

Converting Colors

XYZ(27.5278, 29.4291, 22.2578)

Have a look what the booklet for
XYZ(27.5278, 29.4291, 22.2578)
contains.

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Color

**XYZ(27.5587, 29.5288,
22.3363)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9479
RGB	155, 148, 121
RGB Percent	61%, 58%, 47%
CMY	0.3922, 0.4196, 0.5255
CMYK	0.00, 0.05, 0.22, 0.39
HSL	48°, 15%, 54%
HSV	48°, 22%, 61%
XYZ	27.5587, 29.5288, 22.3363
YIQ	147.0150, 12.8390, -6.9130

Conversions

Conversions Part 2

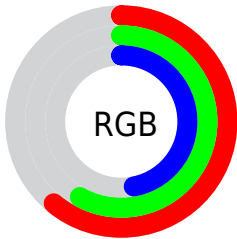
Format	Color
R_{YB}	130, 155, 121
Decimal	10196089
CIE _{Lab}	61.25, -2.02, 15.23
CIE _{LCh}	61, 15.361, 97.554
Yxy	29.5288, 0.3470, 0.3718
Android (android.graphics.Color)	4288386169 (0xFF9B9479)
YUV	147.0150, -12.8254, 7.0028
Hunter-Lab	54.3404, -4.5696, 13.6675

Details

The XYZ color **27.5587, 29.5288, 22.3363** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.5208, 21.8695, 34.0977**, and the grayscale version is **27.7876, 29.2347, 31.8366**.

A 20% lighter version of the original color is **55.2417, 58.9598, 48.0040**, and **11.0379, 11.9008, 7.8462** is the 20% darker color. If you saturate the color by 10%, you get **26.1903, 28.1928, 17.5615**, and if you desaturate by 10%, it is **29.0952, 30.9561, 27.9215**.

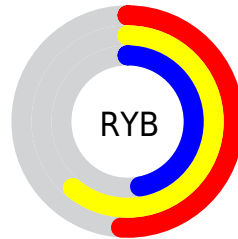
Distribution



Red (61%)

Green (58%)

Blue (47%)



Red (51%)

Yellow (61%)

Blue (47%)

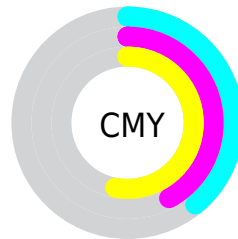


Cyan (0%)

Magenta (5%)

Yellow (22%)

Black (39%)



Cyan (39%)

Magenta (42%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5587, 29.5288, 22.3363 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 27.5587, 29.5288, 22.3363 by changing the saturation by 10% instead.

■ 27.5587, 29.5288,
22.3363

■ 27.5587, 29.5288,
22.3363

282.4706,
299.7019, 277.3081

■ 18.1320, 19.4812,
13.9035

■ 55.1927, 58.9162,
48.2105

■ 11.1451, 12.0185,
7.9156

■ 74.1307, 79.0248,
66.4890

■ 6.2325, 6.7563,
3.9540

■ 96.9699, 103.2559,
88.8865

■ 3.0290, 3.3102,
1.6001

124.0756,
131.9938, 115.8216

■ 1.1691, 1.2957,
0.2909

155.8132,
165.6229, 147.7128

■ 0.0818, 0.1379,
0.0000

192.5480,

■ 0.0000, 0.0000,

204.5277, 184.9785

0.0000

234.6453,
249.0926, 228.0375

■ 27.5587, 29.5288,
22.3363

■ 27.5587, 29.5288,
22.3363

■ 26.1903, 28.1928,
17.5615

■ 29.0952, 30.9561,
27.9215

■ 24.9804, 26.9411,
13.5567

■ 30.8043, 32.4737,
34.3509

■ 23.9216, 25.7716,
10.2810

■ 32.6935, 34.0857,
41.6588

■ 23.0052, 24.6806,
7.6891

■ 34.7687, 35.7947,
49.8772

■ 22.2216, 23.6640,
5.7304

■ 37.0358, 37.6032,
59.0361

■ 21.5597, 22.7173,
4.3472

■ 39.5005, 39.5137,
69.1645

■ 21.0065, 21.8350,
3.4715

■ 42.1680, 41.5283,
80.2899

■ 20.6133, 21.1598,
2.9978

■ 45.0435, 43.6494,
92.4389

■ 47.2332, 45.5196,
100.9044

Harmonies

Analogous

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



29.5757, 29.5288, 22.9268



27.5587, 29.5288, 22.3363



25.7646, 29.5288, 24.1140

Triad

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



27.5587, 29.5288, 22.3363



25.0979, 29.5288, 39.4204



31.8117, 29.5288, 36.5894

Complementary

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



27.5587, 29.5288, 22.3363



21.5208, 21.8695, 34.0977

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.



30.5011, 29.5288, 41.8026



27.5587, 29.5288, 22.3363



26.6090, 29.5288, 43.5690

Square

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



27.5587, 29.5288, 22.3363



24.3889, 29.5288, 33.6365



28.5800, 29.5288, 44.4893



32.0959, 29.5288, 30.7115

Rectangle

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



27.5587, 29.5288, 22.3363



24.9141, 29.5288, 26.5449



28.5800, 29.5288, 44.4893



31.4736, 29.5288, 38.4975

Sweetspot

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



27.5595, 29.5301, 22.3369



53.5351, 56.7219, 55.3364



24.2758, 22.2119, 23.5571



12.0807, 12.8060, 12.3872



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.



27.5595, 29.5301, 22.3369



48.1983, 51.7704, 35.9167



26.9147, 30.8766, 22.6308



6.6009, 7.0069, 6.6104



16.5841, 17.0506, 2.4170



0.2722, 0.3035, 0.0442

Inverse Universe

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



21.5208, 21.8695, 34.0977



35.5486, 35.7251, 60.5583



22.0575, 20.8378, 33.8702



5.9824, 6.2221, 7.8147



5.1881, 2.7729, 25.1695



0.0995, 0.0854, 0.3836

Previews

White Background



This preview shows how the XYZ color 27.5587, 29.5288, 22.3363 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 27.5587, 29.5288, 22.3363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

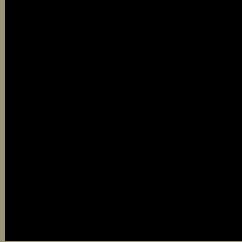
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.5587, 29.5288, 22.3363

Background



This preview shows how black text looks on a background with the XYZ color 27.5587, 29.5288, 22.3363.



This preview shows how white text looks on a background with the XYZ color 27.5587, 29.5288,

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

27.5587, 29.5288, 22.3363

Protanopia

27.9457, 29.7284, 22.3544

Deuteranopia

29.9804, 29.4091, 22.5087



Tritanopia

30.0369, 29.3824, 35.0986

Trichromacy



Original Color

27.5587, 29.5288, 22.3363

Protanomaly

27.7514, 29.6282, 22.3453

Deuteranomaly

29.0032, 29.3510, 22.5490

Tritanomaly

29.1839, 29.5031, 30.1431

Monochromacy



Original Color

27.5587, 29.5288, 22.3363

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.5988, 29.1864, 28.2237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5587, 29.5288, 22.3363 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, 148, 121)` looks like.

```
.text, #text, p{  
    color:rgb(155, 148, 121)  
}
```

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, 148, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 148, 121) }
```

Border

The CSS property to change the border of an element to XYZ 27.5587, 29.5288, 22.3363 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, 148, 121) }
```


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

```
.border{ border-color:rgb(155, 148, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 148, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 148, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 148, 121); box-shadow:4px 4px 4px 4px rgb(155, 148, 121) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5587, 29.5288, 22.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 148, 121) }
```

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

```
.background{ background-color: rgb(155,  
148, 121) }
```

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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