

Converting Colors

XYZ(27.5332, 30.0225, 11.9332)

Have a look what the booklet for
XYZ(27.5332, 30.0225, 11.9332)
contains.

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Color

**XYZ(27.5053, 29.9666,
11.9239)**

Conversions

Conversions Part 1

Format	Color
Hex	A49550
RGB	164, 149, 80
RGB Percent	64%, 58%, 31%
CMY	0.3569, 0.4157, 0.6863
CMYK	0.00, 0.09, 0.51, 0.36
HSL	49°, 34%, 48%
HSV	49°, 51%, 64%
XYZ	27.5053, 29.9666, 11.9239
YIQ	145.6190, 31.0890, -18.2790

Conversions

Conversions Part 2

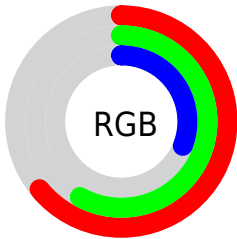
Format	Color
R_{YB}	98, 164, 80
Decimal	10786128
CIE _{Lab}	61.63, -3.87, 38.15
CIE _{LCh}	62, 38.346, 95.793
Yxy	29.9666, 0.3964, 0.4318
Android (android.graphics.Color)	4288976208 (0xFFA49550)
YUV	145.6190, -32.3502, 16.1201
Hunter-Lab	54.7418, -6.1098, 25.4046

Details

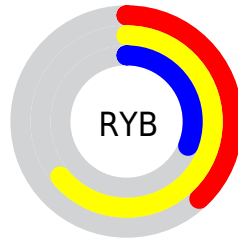
The XYZ color **27.5053, 29.9666, 11.9239** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.1013, 12.5699, 36.8050**, and the grayscale version is **27.2855, 28.7065, 31.2614**.

A 20% lighter version of the original color is **55.2715, 59.7227, 30.0872**, and **11.1530, 12.3430, 3.1611** is the 20% darker color. If you saturate the color by 10%, you get **26.5147, 28.8395, 8.9605**, and if you desaturate by 10%, it is **28.6570, 31.1789, 15.6714**.

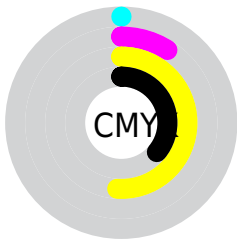
Distribution



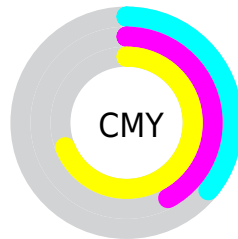
- Red (64%)
- Green (58%)
- Blue (31%)



- Red (38%)
- Yellow (64%)
- Blue (31%)



- Cyan (0%)
- Magenta (9%)
- Yellow (51%)
- Black (36%)



- Cyan (36%)
- Magenta (42%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5053, 29.9666, 11.9239 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 27.5053, 29.9666, 11.9239 by changing the saturation by 10% instead.

■ 27.5053, 29.9666,
11.9239

■ 27.5053, 29.9666,
11.9239

282.2186,
301.7487, 214.8608

■ 18.0916, 19.8132,
6.5700

■ 55.1078, 59.6094,
30.0188

■ 11.1159, 12.2594,
3.1203

■ 74.0274, 79.8675,
43.5968

■ 6.2127, 6.9206,
1.1564

■ 96.8463, 104.2628,
60.7532

■ 3.0167, 3.4125,
0.0000

■ 123.9300,
133.1795, 81.9066

■ 1.1626, 1.3507,
0.0000

■ 155.6436,
167.0020, 107.4755

■ 0.0765, 0.1799,
0.0000

192.3527,

■ 0.0000, 0.0000,

206.1148, 137.8785

0.0000

234.4226,
250.9023, 173.5341

■ 27.5053, 29.9666,
11.9239

■ 27.5053, 29.9666,
11.9239

■ 26.5147, 28.8395,
8.9605

■ 28.6570, 31.1789,
15.6714

■ 25.6718, 27.7890,
6.7215

■ 29.9774, 32.4764,
20.2530

■ 24.9650, 26.8112,
5.1420

■ 31.4764, 33.8642,
25.7169

■ 24.3793, 25.9001,
4.1442

■ 33.1625, 35.3459,
32.1067

■ 23.9351, 25.1430,
3.5916

■ 35.0433, 36.9247,
39.4636

■ 37.1264, 38.6036,
47.8259

■ 39.4188, 40.3856,
57.2302

■ 41.9269, 42.2735,
67.7108

■ 44.6573, 44.2700,
79.3008

Harmonies

Analogous

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



32.6894, 29.9666, 13.1511



27.5053, 29.9666, 11.9239



23.1303, 29.9666, 14.7569

Triad

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



27.5053, 29.9666, 11.9239



21.2546, 29.9666, 51.9336



38.3802, 29.9666, 45.5322

Complementary

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



27.5053, 29.9666, 11.9239



14.1013, 12.5699, 36.8050

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.



34.6022, 29.9666, 61.0740



27.5053, 29.9666, 11.9239



24.6527, 29.9666, 65.4752

Square

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



27.5053, 29.9666, 11.9239



19.8082, 29.9666, 35.5420



29.4823, 29.9666, 69.2406



39.3783, 29.9666, 29.8788

Rectangle

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



27.5053, 29.9666, 11.9239



21.1269, 29.9666, 19.2649



29.4823, 29.9666, 69.2406



37.3730, 29.9666, 51.0715

Sweetspot

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



27.5060, 29.9680, 11.9245



58.9099, 63.0449, 53.3579



20.2625, 14.4637, 12.6463



12.7455, 13.6656, 11.1599



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.5060, 29.9680, 11.9245



47.9754, 52.1657, 15.8333



25.1058, 32.4824, 12.5363



7.5414, 8.0212, 7.5309



18.3835, 19.3410, 2.7643



0.4128, 0.4594, 0.0669

Inverse Universe

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



14.1013, 12.5699, 36.8050



21.0217, 17.2160, 65.9674



15.5853, 11.5191, 36.5239



6.7980, 7.0550, 8.9065



5.5061, 2.7917, 27.1784



0.1425, 0.1124, 0.5800

Previews

White Background



This preview shows how the XYZ color 27.5053, 29.9666, 11.9239 looks on a white background.

Color Contrast Check

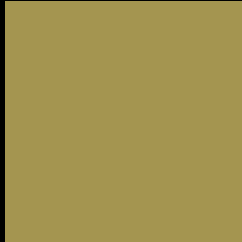
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5053, 29.9666, 11.9239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

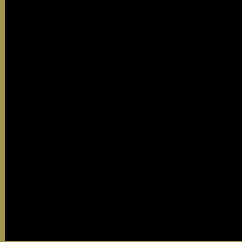
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.5053, 29.9666, 11.9239

Background



This preview shows how black text looks on a background with the XYZ color 27.5053, 29.9666, 11.9239.



This preview shows how white text looks on a background with the XYZ color 27.5053, 29.9666,

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

27.5053, 29.9666, 11.9239

Protanopia

27.5053, 29.9666, 11.9239

Deuteranopia

30.4874, 29.9003, 12.1471



Tritanopia

31.9870, 29.9747, 33.8056

Trichromacy



Original Color

27.5053, 29.9666, 11.9239

Protanomaly

27.5053, 29.9666, 11.9239

Deuteranomaly

29.2898, 29.9588, 12.0235

Tritanomaly

29.8876, 29.7777, 23.9111

Monochromacy



Original Color

27.5053, 29.9666, 11.9239

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.0834, 29.0449, 22.5911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5053, 29.9666, 11.9239 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(164, 149, 80)` looks like.

```
.text, #text, p{  
    color:rgb(164, 149, 80)  
}
```

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(164, 149, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 149, 80) }
```

Border

The CSS property to change the border of an element to XYZ 27.5053, 29.9666, 11.9239 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(164, 149, 80) }
```


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

```
.border{ border-color:rgb(164, 149, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 149, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 149, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 149, 80);  
box-shadow:4px 4px 4px 4px rgb(164, 149,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5053, 29.9666, 11.9239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 149, 80) }
```

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

```
.background{ background-color: rgb(164,  
149, 80) }
```

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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