

Converting Colors

XYZ(27.6275, 36.0450, 9.9161)

Have a look what the booklet for
XYZ(27.6275, 36.0450, 9.9161)
contains.

XYZ(27.6275, 36.0450, 9.9161)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.6275, 36.0450,
9.9161)**

Conversions

Conversions Part 1

Format	Color
Hex	93AC3D
RGB	147, 172, 61
RGB Percent	58%, 67%, 24%
CMY	0.4235, 0.3255, 0.7608
CMYK	0.15, 0.00, 0.65, 0.33
HSL	74°, 48%, 46%
HSV	74°, 65%, 67%
XYZ	27.6275, 36.0450, 9.9161
YIQ	151.8710, 20.7310, -39.8210

Conversions

Conversions Part 2

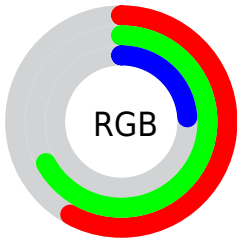
Format	Color
RYB	61, 172, 86
Decimal	9677885
CIELab	66.55, -24.63, 52.35
CIELCh	67, 57.856, 115.192
Yxy	36.0450, 0.3754, 0.4898
Android (android.graphics.Color)	4287867965 (0xFF93AC3D)
YUV	151.8710, -44.7994, -4.2719
Hunter-Lab	60.0375, -22.9251, 32.2336

Details

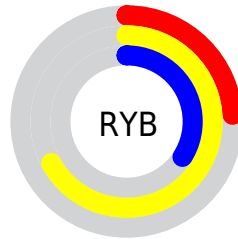
The XYZ color **27.6275, 36.0450, 9.9161** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **12.9541, 8.2953, 39.9502**, and the grayscale version is **29.9711, 31.5319, 34.3383**.

A 20% lighter version of the original color is **55.1349, 68.8496, 26.3030**, and **11.2307, 15.7601, 2.4501** is the 20% darker color. If you saturate the color by 10%, you get **26.5537, 35.5378, 7.8234**, and if you desaturate by 10%, it is **28.8750, 36.6269, 12.7939**.

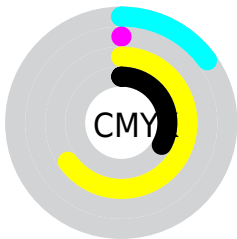
Distribution



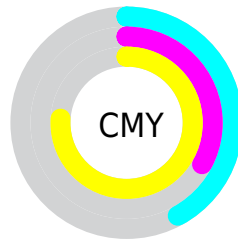
- Red (58%)
- Green (67%)
- Blue (24%)



- Red (24%)
- Yellow (67%)
- Blue (34%)



- Cyan (15%)
- Magenta (0%)
- Yellow (65%)
- Black (33%)



- Cyan (42%)
- Magenta (33%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6275, 36.0450, 9.9161 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 27.6275, 36.0450, 9.9161 by changing the saturation by 10% instead.

■ 27.6275, 36.0450,
9.9161

■ 27.6275, 36.0450,
9.9161

282.7951,
329.1572, 200.5352

■ 18.1841, 24.4690,
5.2385

■ 55.3020, 69.1015,
26.2429

■ 11.1827, 15.6819,
2.3267

■ 74.2638, 91.3508,
38.7292

■ 6.2581, 9.2993,
0.7461

■ 97.1290, 117.9266,
54.6555

■ 3.0448, 4.9369,
0.0000

■ 124.2631,
149.2133, 74.4402

■ 1.1775, 2.2103,
0.0000

■ 156.0314,
185.5953, 98.5020

■ 0.0885, 0.7256,
0.0000

192.7993,

■ 0.0000, 0.0000,

227.4570, 127.2595

0.0000

234.9321,
275.1829, 161.1310

■ 27.6275, 36.0450,
9.9161

■ 27.6275, 36.0450,
9.9161

■ 26.5537, 35.5378,
7.8234

■ 28.8750, 36.6269,
12.7939

■ 25.6360, 35.0945,
6.4357

■ 30.3068, 37.2840,
16.5222

■ 24.8572, 34.7094,
5.6595

■ 31.9353, 38.0225,
21.1622

■ 24.4671, 34.5142,
5.3724

■ 33.7712, 38.8468,
26.7687

■ 35.8244, 39.7607,
33.3924

■ 38.1039, 40.7680,
41.0802

■ 40.6183, 41.8722,
49.8762

■ 43.3758, 43.0764,
59.8220

■ 46.3840, 44.3839,
70.9572

Harmonies

Analogous

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



35.6794, 36.0450, 8.2653



27.6275, 36.0450, 9.9161



22.2890, 36.0450, 17.7764

Triad

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



27.6275, 36.0450, 9.9161



25.5787, 36.0450, 93.1161



53.7554, 36.0450, 43.3962

Complementary

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



27.6275, 36.0450, 9.9161



12.9541, 8.2953, 39.9502

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.



49.8938, 36.0450, 73.3947



27.6275, 36.0450, 9.9161



32.8781, 36.0450, 108.8620

Square

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



27.6275, 36.0450, 9.9161



21.2539, 36.0450, 63.3463



41.8764, 36.0450, 100.4351



51.7149, 36.0450, 22.1968

Rectangle

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



27.6275, 36.0450, 9.9161



20.5103, 36.0450, 28.2420



41.8764, 36.0450, 100.4351



53.0882, 36.0450, 52.7931

Sweetspot

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



27.6283, 36.0466, 9.9169



63.1468, 71.3104, 54.5643



21.1093, 15.6135, 6.3165



13.5019, 15.3987, 11.1482



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.6283, 36.0466, 9.9169



47.4975, 64.1449, 13.0810



20.0548, 32.1423, 9.5624



8.4836, 9.2379, 8.5493



18.2554, 25.7081, 4.0000



0.5508, 0.7373, 0.1133

Inverse Universe

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



12.9541, 8.2953, 39.9502



18.9882, 10.0256, 71.7401



20.0245, 11.9402, 40.2811



7.7414, 7.8410, 10.0581



6.1974, 2.5548, 29.2110



0.2189, 0.0950, 0.8148

Previews

White Background



This preview shows how the XYZ color 27.6275, 36.0450, 9.9161 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 27.6275, 36.0450, 9.9161 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 27.6275, 36.0450, 9.9161

Background



This preview shows how black text looks on a background with the XYZ color 27.6275, 36.0450, 9.9161.



This preview shows how white text looks on a background with the XYZ color 27.6275, 36.0450,

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

27.6275, 36.0450, 9.9161

Protanopia

32.5064, 35.8494, 9.2093

Deuteranopia

36.6561, 35.9340, 10.3142



Tritanopia

34.6829, 35.9167, 45.1490

Trichromacy



Original Color

27.6275, 36.0450, 9.9161

Protanomaly

30.5741, 35.9130, 9.4582

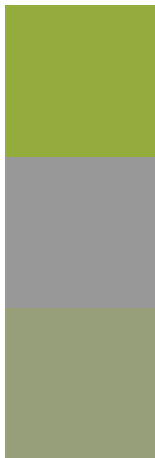
Deuteranomaly

32.7551, 35.6951, 10.1645

Tritanomaly

31.2063, 35.5723, 27.4117

Monochromacy



Original Color

27.6275, 36.0450, 9.9161

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.3056, 32.6122, 22.2557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6275, 36.0450, 9.9161 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(147, 172, 61)` looks like.

```
.text, #text, p{  
    color:rgb(147, 172, 61)  
}
```

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(147, 172, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 172, 61) }
```

Border

The CSS property to change the border of an element to XYZ 27.6275, 36.0450, 9.9161 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(147, 172, 61) }
```


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

```
.border{ border-color:rgb(147, 172, 61) }
```

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

Here you see how a box with a 4 pixel rgb(147, 172, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 172, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 172, 61);  
box-shadow:4px 4px 4px 4px rgb(147, 172,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6275, 36.0450, 9.9161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 172, 61) }
```

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

```
.background{ background-color: rgb(147,  
172, 61) }
```

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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