

Converting Colors

XYZ(28.1364, 36.9273, 19.5549)

Have a look what the booklet for
XYZ(28.1364, 36.9273, 19.5549)
contains.

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Color

**XYZ(28.1372, 36.9557,
19.5601)**

Conversions

Conversions Part 1

Format	Color
Hex	88AF6B
RGB	136, 175, 107
RGB Percent	53%, 69%, 42%
CMY	0.4667, 0.3137, 0.5804
CMYK	0.22, 0.00, 0.39, 0.31
HSL	94°, 30%, 55%
HSV	94°, 39%, 69%
XYZ	28.1372, 36.9557, 19.5601
YIQ	155.5870, -1.4160, -29.4160

Conversions

Conversions Part 2

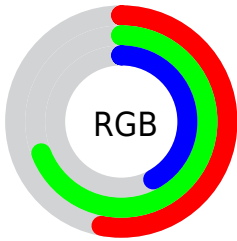
Format	Color
RYB	107, 175, 146
Decimal	8957803
CIELab	67.24, -25.57, 30.67
CIELCh	67, 39.937, 129.819
Yxy	36.9557, 0.3324, 0.4366
Android (android.graphics.Color)	4287147883 (0xFF88AF6B)
YUV	155.5870, -23.9534, -17.1778
Hunter-Lab	60.7912, -23.7659, 23.4768

Details

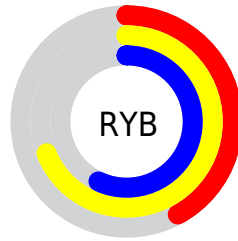
The XYZ color **28.1372, 36.9557, 19.5601** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.8511, 19.7225, 43.0564**, and the grayscale version is **31.5205, 33.1620, 36.1134**.

A 20% lighter version of the original color is **56.0691, 70.6022, 43.4733**, and **11.3794, 16.1094, 6.5126** is the 20% darker color. If you saturate the color by 10%, you get **25.7538, 35.8240, 15.1194**, and if you desaturate by 10%, it is **30.8615, 38.2439, 24.9910**.

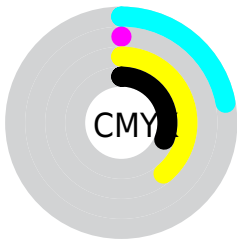
Distribution



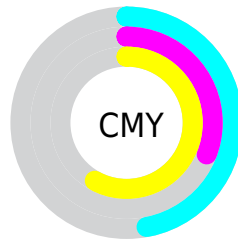
- Red (53%)
- Green (69%)
- Blue (42%)



- Red (42%)
- Yellow (69%)
- Blue (57%)



- Cyan (22%)
- Magenta (0%)
- Yellow (39%)
- Black (31%)



- Cyan (47%)
- Magenta (31%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1372, 36.9557, 19.5601 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 28.1372, 36.9557, 19.5601 by changing the saturation by 10% instead.

■ 28.1372, 36.9557,
19.5601

■ 28.1372, 36.9557,
19.5601

285.1901,
333.1187, 262.0486

■ 18.5701, 25.1732,
11.8948

■ 56.1105, 70.5046,
43.5276

■ 11.4622, 16.2061,
6.5504

■ 75.2475, 93.0399,
60.6670

■ 6.4482, 9.6701,
3.1084

■ 98.3050, 119.9281,
81.8014

■ 3.1627, 5.1808,
1.1503

■ 125.6486,
151.5538, 107.3494

■ 1.2404, 2.3537,
0.0000

157.6436,
188.3013, 137.7296

■ 0.1379, 0.8019,
0.0000

194.6552,

■ 0.0000, 0.0000,

230.5550, 173.3605

0.0000

237.0490,
278.6994, 214.6607

■ 28.1372, 36.9557,
19.5601

■ 28.1372, 36.9557,
19.5601

■ 25.7538, 35.8240,
15.1194

■ 30.8615, 38.2439,
24.9910

■ 23.6930, 34.8372,
11.6066

■ 33.9384, 39.6900,
31.4645

■ 21.9390, 33.9898,
8.9564


■ 37.3821, 41.3014,
39.0320


■ 20.4728, 33.2737,
7.0937


■ 41.2055, 43.0836,
47.7410


■ 19.2732, 32.6797,
5.9307

■ 45.4205, 45.0418,
57.6362


 18.3044, 32.1931,
5.3066

 50.0386, 47.1812,
68.7597

 18.2034, 32.1424,
5.2447

 55.0709, 49.5063,
81.1518

 60.5278, 52.0219,
94.8508

 64.8509, 54.1049,
101.6330

Harmonies

Analogous

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



33.1628, 36.9557, 15.3860



28.1372, 36.9557, 19.5601



25.2267, 36.9557, 29.7273

Triad

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



28.1372, 36.9557, 19.5601



31.2325, 36.9557, 80.7177



47.9960, 36.9557, 34.7775

Complementary

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



28.1372, 36.9557, 19.5601



24.8511, 19.7225, 43.0564

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.



47.3241, 36.9557, 52.9744



28.1372, 36.9557, 19.5601



37.1637, 36.9557, 83.2408

Square

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



28.1372, 36.9557, 19.5601



26.8650, 36.9557, 65.8090



43.1840, 36.9557, 71.9446



44.9258, 36.9557, 22.3336

Rectangle

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



28.1372, 36.9557, 19.5601



24.6536, 36.9557, 40.1327



43.1840, 36.9557, 71.9446



48.2078, 36.9557, 40.3445

Sweetspot

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



28.1381, 36.9573, 19.5609



64.8061, 72.9653, 65.1378



30.5415, 30.5911, 18.2054



14.2282, 16.1352, 14.0901



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.1381, 36.9573, 19.5609



46.5406, 64.3560, 27.8286



24.2932, 34.9469, 20.6590



8.2162, 9.1000, 8.5368



13.1029, 23.0519, 3.7589



0.4279, 0.6740, 0.1075

Inverse Universe

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



24.8511, 19.7225, 43.0564



39.7736, 28.9243, 76.1235



30.2382, 22.5503, 41.0228



8.0021, 7.9754, 10.0703



9.4060, 4.2089, 29.3611



0.3225, 0.1485, 0.8196

Previews

White Background



This preview shows how the XYZ color 28.1372, 36.9557, 19.5601 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 28.1372, 36.9557, 19.5601 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 28.1372, 36.9557, 19.5601

Background



This preview shows how black text looks on a background with the XYZ color 28.1372, 36.9557, 19.5601.



This preview shows how white text looks on a background with the XYZ color 28.1372, 36.9557,

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

28.1372, 36.9557, 19.5601

Protanopia

33.8556, 36.6187, 17.8541

Deuteranopia

37.2634, 36.5267, 20.1253



Tritanopia

33.9071, 36.7708, 48.4904

Trichromacy



Original Color

28.1372, 36.9557, 19.5601

Protanomaly

31.4217, 36.4234, 18.4710

Deuteranomaly

33.3672, 36.3188, 20.0034

Tritanomaly

31.2654, 36.5155, 35.5373

Monochromacy



Original Color

28.1372, 36.9557, 19.5601

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.0791, 34.4189, 29.1029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1372, 36.9557, 19.5601 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(136, 175, 107)` looks like.

```
.text, #text, p{  
    color:rgb(136, 175, 107)  
}
```

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(136, 175, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 175, 107) }
```

Border

The CSS property to change the border of an element to XYZ 28.1372, 36.9557, 19.5601 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(136, 175, 107) }
```


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

```
.border{ border-color:rgb(136, 175, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 175, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 175, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 175, 107);  
box-shadow:4px 4px 4px 4px rgb(136, 175,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1372, 36.9557, 19.5601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 175, 107) }
```

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

```
.background{ background-color: rgb(136,  
175, 107) }
```

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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