

Converting Colors

XYZ(36.1949, 39.5975, 27.2191)

Have a look what the booklet for
XYZ(36.1949, 39.5975, 27.2191)
contains.

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Color

**XYZ(36.1507, 39.5021,
27.1921)**

Conversions

Conversions Part 1

Format	Color
Hex	AFAA83
RGB	175, 170, 131
RGB Percent	69%, 67%, 51%
CMY	0.3137, 0.3333, 0.4863
CMYK	0.00, 0.03, 0.25, 0.31
HSL	53°, 22%, 60%
HSV	53°, 25%, 69%
XYZ	36.1507, 39.5021, 27.1921
YIQ	167.0490, 15.4990, -11.0690

Conversions

Conversions Part 2

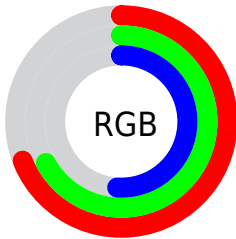
Format	Color
RYB	137, 175, 131
Decimal	11512451
CIELab	69.11, -4.60, 20.80
CIElCh	69, 21.302, 102.473
Yxy	39.5021, 0.3515, 0.3841
Android (android.graphics.Color)	4289702531 (0xFFAFAA83)
YUV	167.0490, -17.7722, 6.9730
Hunter-Lab	62.8507, -7.3184, 18.3439

Details

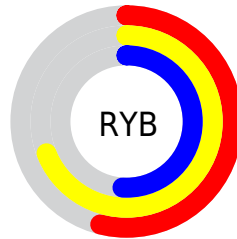
The XYZ color **36.1507, 39.5021, 27.1921** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.9021, 25.5283, 44.1200**, and the grayscale version is **36.8339, 38.7521, 42.2011**.

A 20% lighter version of the original color is **68.5319, 74.3000, 56.0767**, and **15.9897, 17.6885, 10.3561** is the 20% darker color. If you saturate the color by 10%, you get **34.6941, 38.3293, 21.3410**, and if you desaturate by 10%, it is **37.8153, 40.7699, 34.1019**.

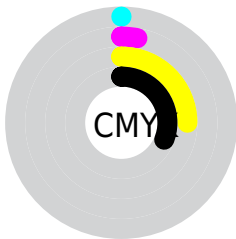
Distribution



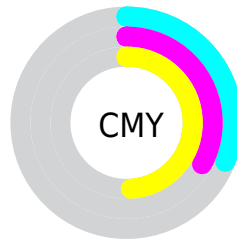
- Red (69%)
- Green (67%)
- Blue (51%)



- Red (54%)
- Yellow (69%)
- Blue (51%)



- Cyan (0%)
- Magenta (3%)
- Yellow (25%)
- Black (31%)



- Cyan (31%)
- Magenta (33%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1507, 39.5021, 27.1921 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 36.1507, 39.5021, 27.1921 by changing the saturation by 10% instead.

■ 36.1507, 39.5021,
27.1921

■ 36.1507, 39.5021,
27.1921

321.0385,
344.0205, 302.3756

■ 24.7213, 27.1506,
17.4838

■ 68.5870, 74.4047,
56.1995

■ 15.9971, 17.6863,
10.4145

■ 90.3245, 97.7246,
76.3356

■ 9.6130, 10.7250,
5.5654

■ 116.2287,
125.4694, 100.7848

■ 5.2034, 5.8822,
2.5182

146.6651,
158.0234, 129.9656

■ 2.4031, 2.7736,
0.8498

181.9989,
195.7712, 164.2966

■ 0.8466, 1.0147,
0.0000

222.5955,

■ 0.0000, 0.0000,

239.0970, 204.1962

0.0000

268.8202,
288.3853, 250.0830

■ 36.1507, 39.5021,
27.1921

■ 36.1507, 39.5021,
27.1921

■ 34.6941, 38.3293,
21.3410

■ 37.8153, 40.7699,
34.1019

■ 33.4324, 37.2420,
16.4931

■ 39.6944, 42.1311,
42.1173

■ 32.3557, 36.2376,
12.5916

■ 41.7976, 43.5911,
51.2851

■ 31.4518, 35.3113,
9.5732

■ 44.1332, 45.1533,
61.6489

■ 30.7073, 34.4576,
7.3666

■ 46.7092, 46.8207,
73.2500

■ 30.1066, 33.6701,
5.8896

■ 49.5330, 48.5964,
86.1278

■ 29.6302, 32.9413,
5.0407

■ 52.6118, 50.4834,
100.3197

■ 29.4222, 32.5997,
4.7417

■ 53.2675, 51.4104,
101.7234

■ 53.6888, 52.2530,
101.8639

Harmonies

Analogous

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



39.5499, 39.5021, 27.5083



36.1507, 39.5021, 27.1921



33.3002, 39.5021, 30.6218

Triad

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



36.1507, 39.5021, 27.1921



32.9251, 39.5021, 56.9389



44.1338, 39.5021, 48.9023

Complementary

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



36.1507, 39.5021, 27.1921



25.9021, 25.5283, 44.1200

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.



42.1372, 39.5021, 58.3590



36.1507, 39.5021, 27.1921



35.6101, 39.5021, 63.4586

Square

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



36.1507, 39.5021, 27.1921



31.5149, 39.5021, 47.1845



38.9758, 39.5021, 64.0144



44.3003, 39.5021, 39.0913

Rectangle

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



36.1507, 39.5021, 27.1921



32.0393, 39.5021, 34.9220



38.9758, 39.5021, 64.0144



43.6491, 39.5021, 52.2617

Sweetspot

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



36.1517, 39.5039, 27.1929



70.0410, 74.7061, 70.9161



30.2494, 27.1285, 26.9848



15.4545, 16.5230, 15.2792



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.



36.1517, 39.5039, 27.1929



63.2977, 69.5986, 42.8372



33.5539, 39.5816, 27.3449



8.5839, 9.1726, 8.5314



21.0984, 23.4023, 3.4051



0.6085, 0.6941, 0.1019

Inverse Universe

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



25.9021, 25.5283, 44.1200



41.8744, 40.3901, 78.2259



28.0433, 25.6118, 44.0233



7.6494, 7.8982, 10.0740



5.7431, 2.6200, 29.2475



0.1824, 0.1182, 0.8212

Previews

White Background



This preview shows how the XYZ color 36.1507, 39.5021, 27.1921 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 36.1507, 39.5021, 27.1921 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

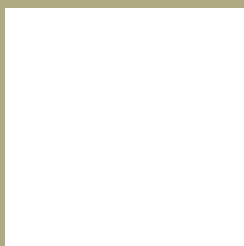
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.1507, 39.5021, 27.1921

Background



This preview shows how black text looks on a background with the XYZ color 36.1507, 39.5021, 27.1921.



This preview shows how white text looks on a background with the XYZ color 36.1507, 39.5021,

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

36.1507, 39.5021, 27.1921

Protanopia

36.8543, 39.3203, 26.7662

Deuteranopia

40.1799, 39.4044, 27.6784



Tritanopia

40.2673, 39.5490, 47.1064

Trichromacy



Original Color

36.1507, 39.5021, 27.1921

Protanomaly

36.5773, 39.4526, 26.8064

Deuteranomaly

38.6063, 39.3950, 27.3990

Tritanomaly

38.5718, 39.3942, 38.8286

Monochromacy



Original Color

36.1507, 39.5021, 27.1921

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.4129, 38.8844, 36.1581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1507, 39.5021, 27.1921 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(175, 170, 131)` looks like.

```
.text, #text, p{  
    color:rgb(175, 170, 131)  
}
```

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(175, 170, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 170, 131) }
```

Border

The CSS property to change the border of an element to XYZ 36.1507, 39.5021, 27.1921 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(175, 170, 131) }
```


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

```
.border{ border-color:rgb(175, 170, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 170, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 170, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 170, 131);  
box-shadow:4px 4px 4px 4px rgb(175, 170,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1507, 39.5021, 27.1921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 170, 131) }
```

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

```
.background{ background-color: rgb(175,  
170, 131) }
```

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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