

Converting Colors

XYZ(36.0773, 41.8736, 29.1580)

Have a look what the booklet for
XYZ(36.0773, 41.8736, 29.1580)
contains.

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Color

**XYZ(36.2192, 42.0965,
29.1381)**

Conversions

Conversions Part 1

Format	Color
Hex	A6B387
RGB	166, 179, 135
RGB Percent	65%, 70%, 53%
CMY	0.3490, 0.2980, 0.4706
CMYK	0.07, 0.00, 0.25, 0.30
HSL	78°, 22%, 62%
HSV	78°, 25%, 70%
XYZ	36.2192, 42.0965, 29.1381
YIQ	170.0970, 6.3760, -16.4400

Conversions

Conversions Part 2

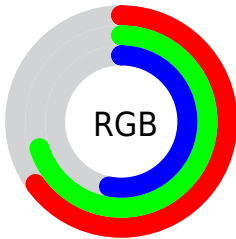
Format	Color
RYB	135, 179, 148
Decimal	10924935
CIELab	70.94, -12.23, 21.01
CIElCh	71, 24.311, 120.213
Yxy	42.0965, 0.3371, 0.3918
Android (android.graphics.Color)	4289115015 (0xFFA6B387)
YUV	170.0970, -17.3028, -3.5931
Hunter-Lab	64.8818, -13.8985, 18.7904

Details

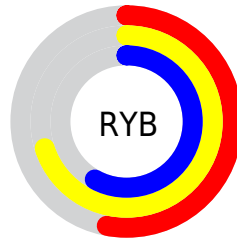
The XYZ color **36.2192, 42.0965, 29.1381** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.0150, 26.8796, 46.3092**, and the grayscale version is **38.3392, 40.3358, 43.9257**.

A 20% lighter version of the original color is **68.6042, 78.4197, 59.0976**, and **16.0400, 19.1550, 11.4462** is the 20% darker color. If you saturate the color by 10%, you get **33.9775, 41.0758, 22.9984**, and if you desaturate by 10%, it is **38.7206, 43.2292, 36.3978**.

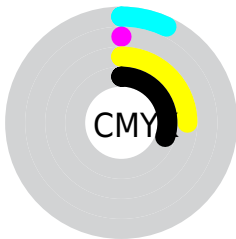
Distribution



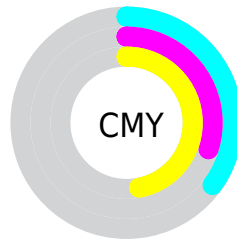
- Red (65%)
- Green (70%)
- Blue (53%)



- Red (53%)
- Yellow (70%)
- Blue (58%)



- Cyan (7%)
- Magenta (0%)
- Yellow (25%)
- Black (30%)



- Cyan (35%)
- Magenta (30%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2192, 42.0965, 29.1381 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 36.2192, 42.0965, 29.1381 by changing the saturation by 10% instead.

■ 36.2192, 42.0965,
29.1381

■ 36.2192, 42.0965,
29.1381

321.3322,
354.8828, 311.9473

■ 24.7744, 29.1769,
18.9388

■ 68.6919, 78.3457,
59.3412

■ 16.0369, 19.2147,
11.4497

■ 90.4506, 102.4440,
80.1822

■ 9.6413, 11.8255,
6.2522

■ 116.3779,
131.0373, 105.4074

■ 5.2222, 6.6250,
2.9278

146.8393,
164.5100, 135.4355

■ 2.4143, 3.2287,
1.0579

182.2000,
203.2465, 170.6850

■ 0.8523, 1.2523,
0.0000

222.8255,

■ 0.0000, 0.1038,

247.6312, 211.5745

0.0000

269.0811,
298.0485, 258.5224

■ 0.0000, 0.0000,
0.0000

■ 36.2192, 42.0965,
29.1381

■ 36.2192, 42.0965,
29.1381

■ 33.9775, 41.0758,
22.9984

■ 38.7206, 43.2292,
36.3978

■ 31.9812, 40.1569,
17.9202

■ 41.4889, 44.4726,
44.8268

■ 30.2192, 39.3370,
13.8438


■ 44.5349, 45.8325,
54.4745


■ 28.6784, 38.6106,
10.7025


■ 47.8678, 47.3126,
65.3868


■ 27.3440, 37.9718,
8.4214

■ 51.4964, 48.9165,
77.6074


 26.1990, 37.4137,
6.9143


 55.4291, 50.6476,
91.1775

 25.2230, 36.9281,
6.0769

 58.8078, 52.1627,
101.5766

 24.7407, 36.6856,
5.7771

 60.2735, 52.9183,
101.6452

 61.7889, 53.6995,
101.7162

Harmonies

Analogous

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



39.9824, 42.0965, 26.9552



36.2192, 42.0965, 29.1381



33.6263, 42.0965, 35.6254

Triad

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



36.2192, 42.0965, 29.1381



36.2663, 42.0965, 68.0444



48.3150, 42.0965, 45.7529

Complementary

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



36.2192, 42.0965, 29.1381



29.0150, 26.8796, 46.3092

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.



47.1577, 42.0965, 57.8318



36.2192, 42.0965, 29.1381



40.0405, 42.0965, 71.9511

Square

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



36.2192, 42.0965, 29.1381



33.6522, 42.0965, 58.0000



44.0596, 42.0965, 67.9363



47.1253, 42.0965, 35.5039

Rectangle

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



36.2192, 42.0965, 29.1381



32.8175, 42.0965, 42.1486



44.0596, 42.0965, 67.9363



48.1866, 42.0965, 49.7323

Sweetspot

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



36.2203, 42.0984, 29.1390



72.9977, 79.0608, 76.2475



33.4715, 32.3471, 27.4017



16.1068, 17.4864, 16.6902



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



36.2203, 42.0984, 29.1390



62.8384, 74.4704, 46.5430



32.0896, 39.9689, 28.9457



8.9476, 9.7781, 9.0683



17.5495, 25.9572, 4.0853



0.6072, 0.8451, 0.1311

Inverse Universe

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



29.0150, 26.8796, 46.3092



47.9051, 42.9210, 82.1409



33.2646, 29.0704, 46.5081



8.2702, 8.3478, 10.6817



6.8414, 2.8627, 30.3290



0.2752, 0.1210, 0.9571

Previews

White Background



This preview shows how the XYZ color 36.2192, 42.0965, 29.1381 looks on a white background.

Color Contrast Check

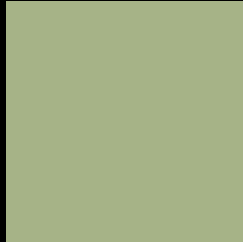
Large Text (above 18pt) WCAG AA × Fail

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 36.2192, 42.0965, 29.1381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

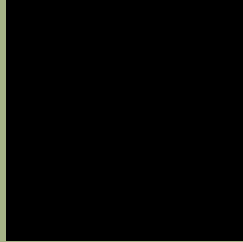
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.2192, 42.0965, 29.1381

Background



This preview shows how black text looks on a background with the XYZ color 36.2192, 42.0965, 29.1381.



This preview shows how white text looks on a background with the XYZ color 36.2192, 42.0965,

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

36.2192, 42.0965, 29.1381

Protanopia

39.1160, 41.8674, 27.8494

Deuteranopia

42.5808, 41.6640, 29.8425



Tritanopia

40.8490, 41.9345, 52.3956

Trichromacy



Original Color

36.2192, 42.0965, 29.1381

Protanomaly

37.9237, 41.8184, 28.2633

Deuteranomaly

40.0645, 41.7508, 29.6140

Tritanomaly

38.8826, 41.9960, 42.6159

Monochromacy



Original Color

36.2192, 42.0965, 29.1381

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.3916, 40.7565, 37.7943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2192, 42.0965, 29.1381 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(166, 179, 135)` looks like.

```
.text, #text, p{  
    color:rgb(166, 179, 135)  
}
```

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(166, 179, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 179, 135) }
```

Border

The CSS property to change the border of an element to XYZ 36.2192, 42.0965, 29.1381 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(166, 179, 135) }
```


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

```
.border{ border-color:rgb(166, 179, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 179, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 179, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 179, 135);  
box-shadow:4px 4px 4px 4px rgb(166, 179,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2192, 42.0965, 29.1381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 179, 135) }
```

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

```
.background{ background-color: rgb(166,  
179, 135) }
```

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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