

Converting Colors

XYZ(69.5168, 68.9685, 52.9351)

Have a look what the booklet for
XYZ(69.5168, 68.9685, 52.9351)
contains.

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Color

**XYZ(69.6426, 69.1626,
52.8592)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D2B4
RGB	247, 210, 180
RGB Percent	97%, 82%, 71%
CMY	0.0314, 0.1764, 0.2941
CMYK	0.00, 0.15, 0.27, 0.03
HSL	27°, 81%, 84%
HSV	27°, 27%, 97%
XYZ	69.6426, 69.1626, 52.8592
YIQ	217.6430, 31.6820, -1.4860

Conversions

Conversions Part 2

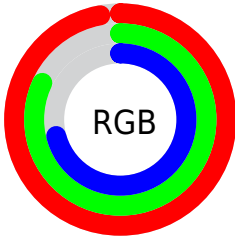
Format	Color
R _Y B	247, 234, 180
Decimal	16241332
CIE Lab	86.58, 8.59, 19.68
CIE LCh	87, 21.475, 66.425
Yxy	69.1626, 0.3634, 0.3609
Android (android.graphics.Color)	4294431412 (0xFFF7D2B4)
YUV	217.6430, -18.5580, 25.7461
Hunter-Lab	83.1641, 3.9410, 20.5300

Details

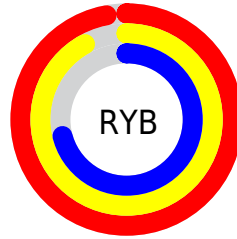
The XYZ color **69.6426, 69.1626, 52.8592** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.4232, 66.0427, 97.5589**, and the grayscale version is **66.5046, 69.9681, 76.1952**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **36.9544, 36.2564, 25.1291** is the 20% darker color. If you saturate the color by 10%, you get **64.1226, 61.7968, 39.6917**, and if you desaturate by 10%, it is **75.9016, 77.2881, 68.4867**.

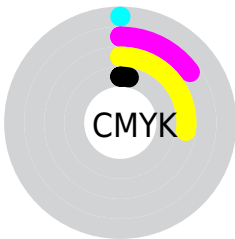
Distribution



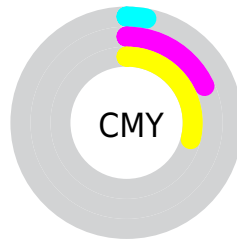
- Red (97%)
- Green (82%)
- Blue (71%)



- Red (97%)
- Yellow (92%)
- Blue (71%)



- Cyan (0%)
- Magenta (15%)
- Yellow (27%)
- Black (3%)





- Cyan (3%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.6426, 69.1626, 52.8592 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 69.6426, 69.1626, 52.8592 by changing the saturation by 10% instead.


 69.6426, 69.1626,
52.8592

 69.6426, 69.1626,
52.8592


448.5801,
457.6042, 414.7957

 51.5138, 50.8441,
37.3034


 117.7280,
118.0138, 95.8366

 36.8403, 36.0846,
25.1449


148.4152,
149.3153, 124.0953

 25.2570, 24.4995,
15.9650


184.0194,
185.7133, 157.4254

 16.3984, 15.7046,
9.3453

224.9057,
227.5922, 196.2454

 9.8991, 9.3154,
4.8672

271.4396,
275.3363, 240.9739

 5.3939, 4.9474,
2.1122

323.9864,

 2.5173, 2.2165,

329.3301, 292.0294

0.6230

382.9114,
389.9579, 349.8305

■ 0.9040, 0.7289,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.6426, 69.1626,
52.8592

■ 69.6426, 69.1626,
52.8592

■ 64.1226, 61.7968,
39.6917

■ 75.9016, 77.2881,
68.4867

■ 59.3054, 55.1574,
28.8522

■ 82.9232, 86.1863,
86.6884

■ 55.1591, 49.2224,
20.2025

■ 90.7363, 95.8819,
107.5763

■ 51.6474, 43.9648,
13.5882

■ 92.1679, 98.5142,
108.7651

■ 48.7293, 39.3552,
8.8340

■ 46.3580, 35.3615,
5.7345

■ 44.4748, 31.9458,
4.0260

■ 44.0005, 31.0593,
3.6760

Harmonies

Analogous

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



73.7489, 69.1626, 60.1649



69.6426, 69.1626, 52.8592



64.6710, 69.1626, 51.2046

Triad

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



69.6426, 69.1626, 52.8592



56.6711, 69.1626, 78.4177



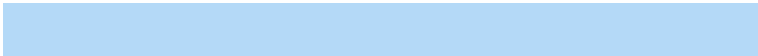
71.5896, 69.1626, 99.6045

Complementary

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



69.6426, 69.1626, 52.8592



60.4232, 66.0427, 97.5589

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.



66.8146, 69.1626, 105.9858



69.6426, 69.1626, 52.8592



58.3274, 69.1626, 92.7962

Square

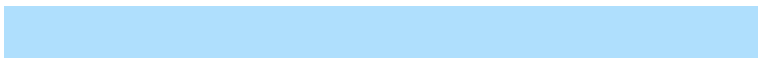
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.6426, 69.1626, 52.8592



57.3434, 69.1626, 64.8595



61.9802, 69.1626, 103.3490



74.9121, 69.1626, 86.8186

Rectangle

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



69.6426, 69.1626, 52.8592



61.5660, 69.1626, 53.3158



61.9802, 69.1626, 103.3490



70.0922, 69.1626, 102.6387

Sweetspot

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



69.6444, 69.1658, 52.8606



88.4489, 91.7776, 91.3477



67.3302, 57.4777, 73.8531



18.6791, 19.3264, 18.8902



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



69.6444, 69.1658, 52.8606



71.2630, 69.5677, 48.1251



78.5076, 86.8921, 55.8150



17.1101, 17.7044, 17.3131



23.4074, 16.7003, 1.9898



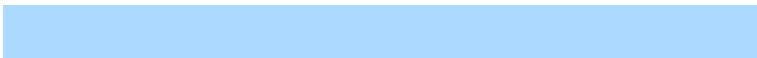
2.1583, 1.6698, 0.2085

Inverse Universe

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



60.4232, 66.0427, 97.5589



59.7060, 65.6492, 104.1325



52.8493, 50.8948, 95.0343



16.3398, 17.4439, 21.0484



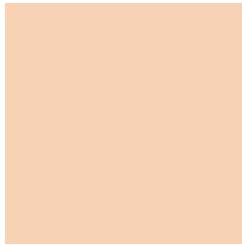
13.7078, 13.2095, 48.3652



1.3073, 1.3660, 4.2850

Previews

White Background



This preview shows how the XYZ color 69.6426, 69.1626, 52.8592 looks on a white background.

Color Contrast Check

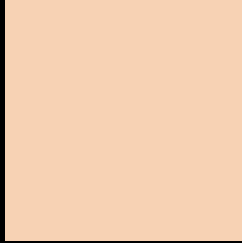
Large Text (above 18pt) WCAG AA × Fail

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 69.6426, 69.1626, 52.8592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

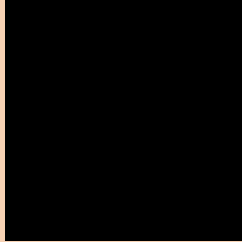
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.6426, 69.1626, 52.8592

Background



This preview shows how black text looks on a background with the XYZ color 69.6426, 69.1626, 52.8592.



This preview shows how white text looks on a background with the XYZ color 69.6426, 69.1626,

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

69.6426, 69.1626, 52.8592

Protanopia

65.0980, 69.0246, 54.6918

Deuteranopia

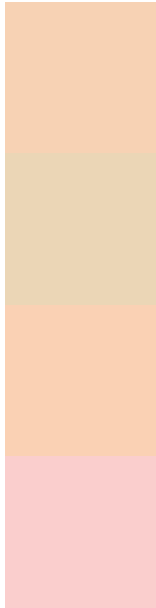
70.8223, 69.4054, 52.8439



Tritanopia

74.6560, 69.0485, 77.1030

Trichromacy



Original Color

69.6426, 69.1626, 52.8592

Protanomaly

66.7510, 69.1327, 54.0818

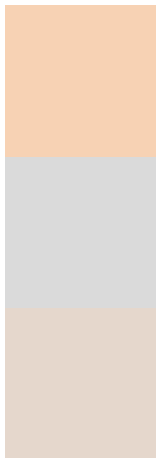
Deuteranomaly

70.4630, 69.2202, 52.8271

Tritanomaly

72.5151, 68.8744, 67.2297

Monochromacy



Original Color

69.6426, 69.1626, 52.8592

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.5126, 69.6185, 67.0062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6426, 69.1626, 52.8592 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(247, 210, 180)` looks like.

```
.text, #text, p{  
    color:rgb(247, 210, 180)  
}
```

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(247, 210, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 210, 180) }
```

Border

The CSS property to change the border of an element to XYZ 69.6426, 69.1626, 52.8592 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(247, 210, 180) }
```


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

```
.border{ border-color:rgb(247, 210, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 210, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 210, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 210, 180);  
box-shadow:4px 4px 4px 4px rgb(247, 210,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6426, 69.1626, 52.8592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 210, 180) }
```

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

```
.background{ background-color: rgb(247,  
210, 180) }
```

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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