

Converting Colors

XYZ(69.0004, 76.3034, 60.4928)

Have a look what the booklet for
XYZ(69.0004, 76.3034, 60.4928)
contains.

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Color

**XYZ(69.0648, 76.5240,
60.4207)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E6BF
RGB	226, 230, 191
RGB Percent	89%, 90%, 75%
CMY	0.1137, 0.0980, 0.2510
CMYK	0.02, 0.00, 0.17, 0.10
HSL	66°, 44%, 83%
HSV	66°, 17%, 90%
XYZ	69.0648, 76.5240, 60.4207
YIQ	224.3580, 10.1350, -12.9770

Conversions

Conversions Part 2

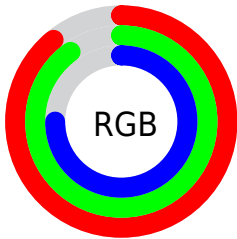
Format	Color
RYB	191, 230, 195
Decimal	14870207
CIELab	90.10, -7.82, 18.58
CIElCh	90, 20.163, 112.829
Yxy	76.5240, 0.3353, 0.3715
Android (android.graphics.Color)	4293060287 (0xFFE2E6BF)
YUV	224.3580, -16.4455, 1.4400
Hunter-Lab	87.4780, -12.1589, 20.2832

Details

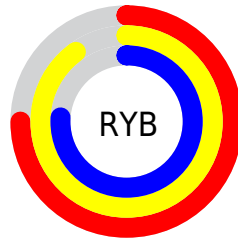
The XYZ color **69.0648, 76.5240, 60.4207** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **55.4224, 54.5789, 82.4809**, and the grayscale version is **71.2183, 74.9272, 81.5957**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **36.4229, 41.0121, 29.6634** is the 20% darker color. If you saturate the color by 10%, you get **65.9951, 75.2137, 48.0858**, and if you desaturate by 10%, it is **72.5464, 78.0053, 74.8529**.

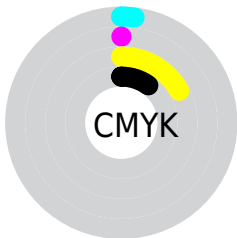
Distribution



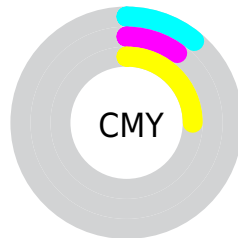
- Red (89%)
- Green (90%)
- Blue (75%)



- Red (75%)
- Yellow (90%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (17%)
- Black (10%)





- Cyan (11%)
- Magenta (10%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.0648, 76.5240, 60.4207 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 69.0648, 76.5240, 60.4207 by changing the saturation by 10% instead.


 69.0648, 76.5240,
60.4207

 69.0648, 76.5240,
60.4207


446.5773,
483.1396, 443.9943

 51.0413, 56.8623,
43.3303


 116.9077,
128.4673, 106.9890

 36.4627, 40.8947,
29.8110


147.4578,
161.5178, 137.3041

 24.9635, 28.2368,
19.4444


182.9142,
199.7999, 172.8644

 16.1784, 18.5042,
11.8118

223.6422,
243.6981, 214.0886

 9.7422, 11.3126,
6.4947

270.0071,
293.5967, 261.3951

 5.2893, 6.2775,
3.0745

322.3744,

 2.4545, 3.0146,

349.8803, 315.2025

1.1328

381.1093,
412.9331, 375.9294

■ 0.8724, 1.1393,
0.0000

■ 0.0000, 0.0113,
0.0000

■ 69.0648, 76.5240,
60.4207

■ 69.0648, 76.5240,
60.4207

■ 65.9951, 75.2137,
48.0858

■ 72.5464, 78.0053,
74.8529

■ 63.3125, 74.0569,
37.7458

■ 76.4510, 79.6545,
91.4685

■ 60.9992, 73.0489,
29.2972

■ 79.9808, 81.1550,
106.0568

■ 59.0332, 72.1810,
22.6252

■ 80.7575, 81.5554,
106.0931

■ 57.3904, 71.4436,
17.6025

■ 81.5445, 81.9611,
106.1300

■ 56.0433, 70.8256,
14.0849

■ 82.3419, 82.3722,
106.1673

■ 54.9598, 70.3142,
11.9035

■ 83.1497, 82.7886,
106.2051

■ 54.0985, 69.8929,
10.8403

■ 83.9681, 83.2105,
106.2434

■ 53.8597, 69.7742,
10.6291

■ 84.7969, 83.6378,
106.2822

Harmonies

Analogous

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



73.9413, 76.5240, 58.8662



69.0648, 76.5240, 60.4207



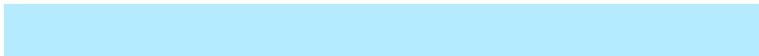
65.3342, 76.5240, 67.7592

Triad

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



69.0648, 76.5240, 60.4207



67.0748, 76.5240, 107.2602



82.7023, 76.5240, 86.8084

Complementary

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



69.0648, 76.5240, 60.4207



55.4224, 54.5789, 82.4809

Split Complementary

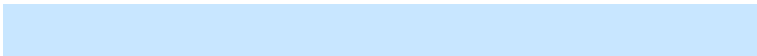
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.6719, 76.5240, 101.1012



69.0648, 76.5240, 60.4207



71.5395, 76.5240, 113.7559

Square

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



69.0648, 76.5240, 60.4207



64.2226, 76.5240, 94.4747



76.5304, 76.5240, 111.3818



81.9655, 76.5240, 73.0828

Rectangle

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



69.0648, 76.5240, 60.4207



63.9241, 76.5240, 75.4496



76.5304, 76.5240, 111.3818



82.3177, 76.5240, 91.7230

Sweetspot

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



69.0668, 76.5274, 60.4223



92.5846, 98.9584, 98.4225



61.5324, 59.5720, 57.5467



19.7451, 21.1508, 20.7634



0.0000, 0.0000, 0.0000



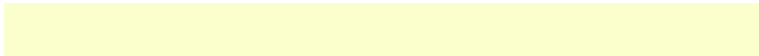
20.3446, 21.4041, 23.3091

Same Dimension

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



69.0668, 76.5274, 60.4223



85.9986, 96.1599, 71.1548



63.3241, 73.5669, 60.1536



15.4481, 16.7381, 15.3210



30.5514, 39.5313, 6.0201



2.2999, 2.9430, 0.4468

Inverse Universe

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



55.4224, 54.5789, 82.4809



66.0045, 63.9956, 103.4813



60.7646, 57.3330, 82.7309



13.7195, 13.9576, 18.1153



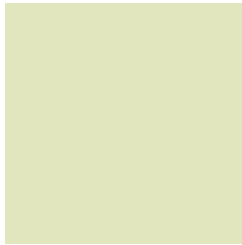
8.3418, 3.3663, 42.5933



0.6631, 0.2728, 3.1497

Previews

White Background



This preview shows how the XYZ color 69.0648, 76.5240, 60.4207 looks on a white background.

Color Contrast Check

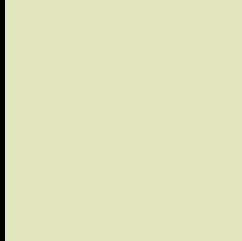
Large Text (above 18pt) WCAG AA × Fail

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 69.0648, 76.5240, 60.4207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

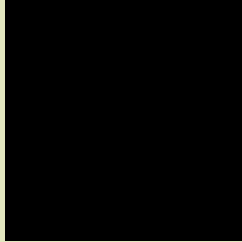
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

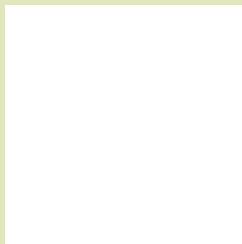
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0648, 76.5240, 60.4207

Background



This preview shows how black text looks on a background with the XYZ color 69.0648, 76.5240, 60.4207.



This preview shows how white text looks on a background with the XYZ color 69.0648, 76.5240,

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

69.0648, 76.5240, 60.4207

Protanopia

71.9783, 76.4176, 59.1005

Deuteranopia

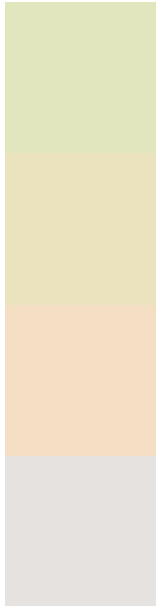
76.8803, 76.0466, 64.6593



Tritanopia

75.8691, 76.4499, 93.9767

Trichromacy



Original Color

69.0648, 76.5240, 60.4207

Protanomaly

70.6950, 76.1483, 59.6873

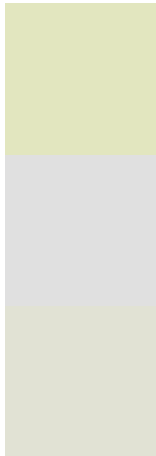
Deuteranomaly

73.6597, 75.9940, 63.0106

Tritanomaly

73.1488, 76.5434, 80.7310

Monochromacy



Original Color

69.0648, 76.5240, 60.4207

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.1314, 75.1537, 73.0972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0648, 76.5240, 60.4207 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(226, 230, 191)` looks like.

```
.text, #text, p{  
    color:rgb(226, 230, 191)  
}
```

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(226, 230, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 230, 191) }
```

Border

The CSS property to change the border of an element to XYZ 69.0648, 76.5240, 60.4207 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(226, 230, 191) }
```


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

```
.border{ border-color:rgb(226, 230, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 230, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 230, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 230, 191); box-shadow:4px 4px 4px 4px rgb(226, 230, 191) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0648, 76.5240, 60.4207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 230, 191) }
```

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

```
.background{ background-color: rgb(226,  
230, 191) }
```

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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