

Converting Colors

XYZ(69.6108, 79.0434, 43.0507)

Have a look what the booklet for
XYZ(69.6108, 79.0434, 43.0507)
contains.

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Color

**XYZ(69.3553, 78.7384,
42.9951)**

Conversions

Conversions Part 1

Format	Color
Hex	EAEA9C
RGB	234, 234, 156
RGB Percent	92%, 92%, 61%
CMY	0.0824, 0.0823, 0.3882
CMYK	0.00, 0.00, 0.33, 0.08
HSL	60°, 65%, 76%
HSV	60°, 33%, 92%
XYZ	69.3553, 78.7384, 42.9951
YIQ	225.1080, 25.0380, -24.2580

Conversions

Conversions Part 2

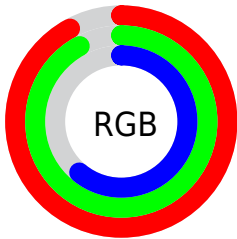
Format	Color
R _Y B	156, 234, 156
Decimal	15395484
CIE Lab	91.12, -11.56, 37.95
CIE LCh	91, 39.676, 106.944
Yxy	78.7384, 0.3629, 0.4121
Android (android.graphics.Color)	4293585564 (0xFFEAEA9C)
YUV	225.1080, -34.0702, 7.7983
Hunter-Lab	88.7347, -15.7695, 33.3861

Details

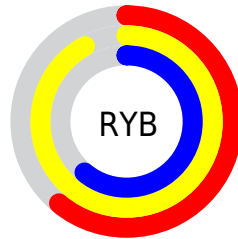
The XYZ color **69.3553, 78.7384, 42.9951** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **40.4529, 36.7873, 82.8151**, and the grayscale version is **71.8722, 75.6151, 82.3449**.

A 20% lighter version of the original color is **88.7579, 97.4831, 75.7661**, and **36.5505, 42.1874, 19.3133** is the 20% darker color. If you saturate the color by 10%, you get **67.5619, 78.0237, 33.5455**, and if you desaturate by 10%, it is **71.5344, 79.6129, 54.4584**.

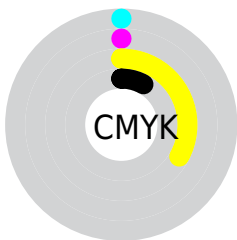
Distribution



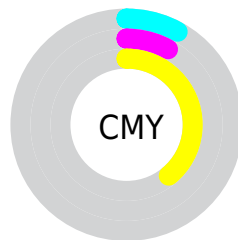
- Red (92%)
- Green (92%)
- Blue (61%)



- Red (61%)
- Yellow (92%)
- Blue (61%)



- Cyan (0%)
- Magenta (0%)
- Yellow (33%)
- Black (8%)



- Cyan (8%)
- Magenta (8%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3553, 78.7384, 42.9951 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 69.3553, 78.7384, 42.9951 by changing the saturation by 10% instead.

69.3553, 78.7384,
42.9951

69.3553, 78.7384,
42.9951

447.5849,
490.6709, 374.5122

51.2788, 58.6807,
29.5499

117.3202,
131.5905, 80.9897

36.6525, 42.3562,
19.2481

147.9393,
165.1538, 106.3763

25.1110, 29.3803,
11.6710

183.4700,
203.9877, 136.5803

16.2889, 19.3687,
6.4003

224.2777,
248.4766, 172.0204

9.8210, 11.9370,
3.0173

270.7277,
299.0051, 213.1151

5.3418, 6.7008,
1.1035

323.1853,

2.4860, 3.2757,

355.9573, 260.2830

0.0000

382.0159,
419.7178, 313.9425

■ 0.8882, 1.2773,
0.0000

■ 0.0000, 0.1235,
0.0000

■ 69.3553, 78.7384,
42.9951

■ 69.3553, 78.7384,
42.9951

■ 67.5619, 78.0237,
33.5455

■ 71.5344, 79.6129,
54.4584

■ 66.1263, 77.4494,
25.9889

■ 74.1136, 80.6446,
68.0371

■ 65.0263, 77.0094,
20.1991

■ 77.1136, 81.8447,
83.8318

■ 64.2345, 76.6926,
16.0328

■ 80.5520, 83.2201,
101.9355

■ 63.7196, 76.4866,
13.3244

■ 81.4092, 83.5631,
106.4463

■ 63.4434, 76.3760,
11.8729

■ 81.4098, 83.5634,
106.4463

■ 63.3525, 76.3396,
11.3960

■ 81.4104, 83.5637,
106.4464

■ 81.4109, 83.5640,
106.4464

■ 81.4115, 83.5643,
106.4464

Harmonies

Analogous

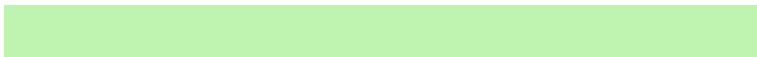
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2820, 78.7384, 42.3855



69.3553, 78.7384, 42.9951



61.6078, 78.7384, 53.2722

Triad

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



69.3553, 78.7384, 42.9951



62.4244, 78.7384, 132.7758



95.2502, 78.7384, 98.8302

Complementary

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



69.3553, 78.7384, 42.9951



40.4529, 36.7873, 82.8151

Split Complementary

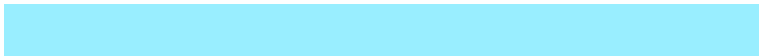
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.8395, 78.7384, 129.2586



69.3553, 78.7384, 42.9951



70.5642, 78.7384, 151.6093

Square

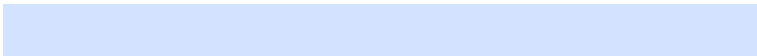
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.3553, 78.7384, 42.9951



57.8583, 78.7384, 102.8654



80.6033, 78.7384, 150.1947



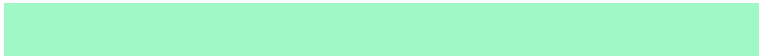
94.8528, 78.7384, 70.6166

Rectangle

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



69.3553, 78.7384, 42.9951



58.4530, 78.7384, 65.8632



80.6033, 78.7384, 150.1947



94.0313, 78.7384, 109.2435

Sweetspot

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



69.3573, 78.7420, 42.9968



91.2121, 98.4648, 88.6935



51.8235, 43.6716, 37.1516



19.4168, 21.0330, 18.4241



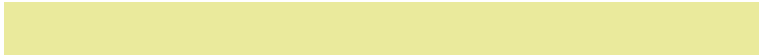
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

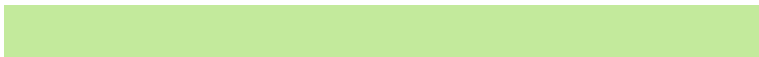
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.3573, 78.7420, 42.9968



82.7469, 95.0785, 44.1277



57.9323, 72.8522, 42.4621



16.3519, 17.6269, 16.0592



35.5986, 42.8962, 6.4036



2.7954, 3.3684, 0.5028

Inverse Universe

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



40.4529, 36.7873, 82.8151



42.5796, 36.7755, 99.4619



49.2478, 41.3213, 83.2267



14.2314, 14.5490, 18.9804



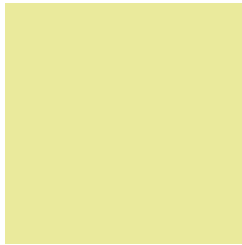
8.3458, 3.3383, 43.9475



0.6554, 0.2622, 3.4509

Previews

White Background



This preview shows how the XYZ color 69.3553, 78.7384, 42.9951 looks on a white background.

Color Contrast Check

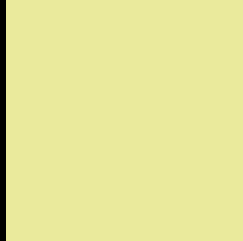
Large Text (above 18pt) WCAG AA × Fail

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 69.3553, 78.7384, 42.9951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

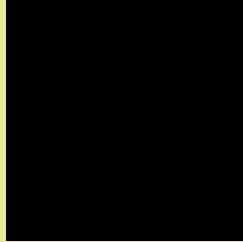
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.3553, 78.7384, 42.9951

Background



This preview shows how black text looks on a background with the XYZ color 69.3553, 78.7384, 42.9951.



This preview shows how white text looks on a background with the XYZ color 69.3553, 78.7384,

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

69.3553, 78.7384, 42.9951

Protanopia

72.9190, 78.5115, 41.8828

Deuteranopia

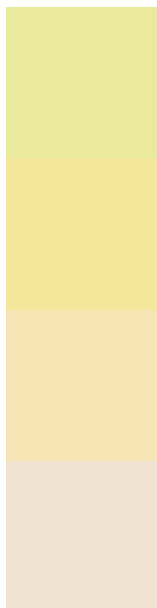
77.6333, 78.4664, 62.0927



Tritanopia

79.5731, 78.3593, 94.1500

Trichromacy



Original Color

69.3553, 78.7384, 42.9951

Protanomaly

71.8005, 78.7515, 42.4266

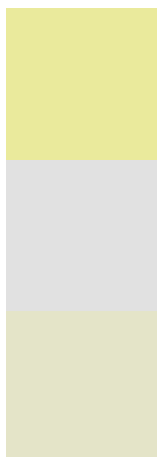
Deuteranomaly

74.3394, 78.5562, 54.4248

Tritanomaly

75.0371, 78.1166, 72.0959

Monochromacy



Original Color

69.3553, 78.7384, 42.9951

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

70.1636, 76.1509, 65.6442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3553, 78.7384, 42.9951 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(234, 234, 156)` looks like.

```
.text, #text, p{  
    color:rgb(234, 234, 156)  
}
```

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(234, 234, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 234, 156) }
```

Border

The CSS property to change the border of an element to XYZ 69.3553, 78.7384, 42.9951 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(234, 234, 156) }
```


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

```
.border{ border-color:rgb(234, 234, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 234, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 234, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 234, 156);  
box-shadow:4px 4px 4px 4px rgb(234, 234,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3553, 78.7384, 42.9951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 234, 156) }
```

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

```
.background{ background-color: rgb(234,  
234, 156) }
```

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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