

Converting Colors

XYZ(65.3309, 70.4407, 54.6686)

Have a look what the booklet for
XYZ(65.3309, 70.4407, 54.6686)
contains.

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Color

**XYZ(65.1390, 70.2092,
54.3745)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DBB6
RGB	226, 219, 182
RGB Percent	89%, 86%, 71%
CMY	0.1137, 0.1412, 0.2863
CMYK	0.00, 0.03, 0.19, 0.11
HSL	50°, 43%, 80%
HSV	50°, 19%, 89%
XYZ	65.1390, 70.2092, 54.3745
YIQ	216.8750, 16.0490, -10.0230

Conversions

Conversions Part 2

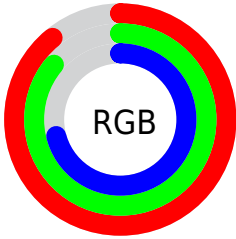
Format	Color
R _Y B	190, 226, 182
Decimal	14867382
CIE Lab	87.10, -3.56, 19.08
CIE LCh	87, 19.413, 100.579
Yxy	70.2092, 0.3433, 0.3701
Android (android.graphics.Color)	4293057462 (0xFFE2DBB6)
YUV	216.8750, -17.1934, 8.0026
Hunter-Lab	83.7909, -7.8684, 20.1786

Details

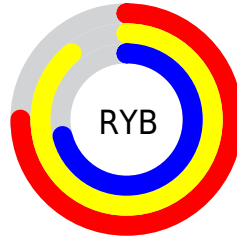
The XYZ color **65.1390, 70.2092, 54.3745** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.2162, 51.8300, 79.2566**, and the grayscale version is **65.9756, 69.4115, 75.5891**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **33.8155, 36.6819, 26.0669** is the 20% darker color. If you saturate the color by 10%, you get **62.0628, 67.4974, 42.7412**, and if you desaturate by 10%, it is **68.6161, 73.1185, 68.0028**.

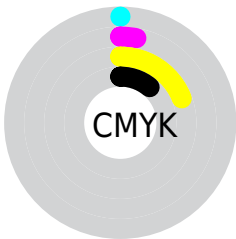
Distribution



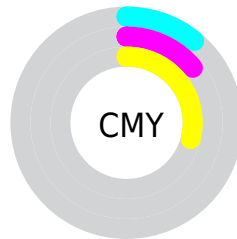
- Red (89%)
- Green (86%)
- Blue (71%)



- Red (75%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (3%)
- Yellow (19%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1390, 70.2092, 54.3745 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 65.1390, 70.2092, 54.3745 by changing the saturation by 10% instead.

■ 65.1390, 70.2092,
54.3745

■ 65.1390, 70.2092,
54.3745

432.8286,
461.2842, 420.7514

■ 47.8389, 51.6971,
38.5059

■ 111.3143,
119.5070, 98.0858

■ 33.9101, 36.7637,
26.0707

140.9202,
151.0616, 126.7657

■ 22.9871, 25.0246,
16.6503

175.3587,
187.7324, 160.5530

■ 14.7046, 16.0954,
9.8262

214.9953,
229.9038, 199.8665

■ 8.6973, 9.5917,
5.1798

260.1952,
277.9604, 245.1245

■ 4.5998, 5.1291,
2.2925

311.3238,

■ 2.0467, 2.3232,

332.2863, 296.7456

0.7270

368.7465,
393.2661, 355.1484

■ 0.6600, 0.7859,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.1390, 70.2092,
54.3745

■ 65.1390, 70.2092,
54.3745

■ 62.0628, 67.4974,
42.7412

■ 68.6161, 73.1185,
68.0028

■ 59.3638, 64.9664,
33.0034

■ 72.5056, 76.2229,
83.7102

■ 57.0243, 62.6110,
25.0595

■ 76.8252, 79.5321,
101.5818

■ 55.0225, 60.4226,
18.7969

■ 78.6599, 81.8803,
106.2664

■ 53.3347, 58.3912,
14.0901

■ 79.6896, 83.9397,
106.6096

■ 51.9336, 56.5059,
10.7960

■ 80.7401, 86.0408,
106.9598

■ 50.7867, 54.7535,
8.7451

■ 81.8116, 88.1838,
107.3170

■ 49.8413, 53.1125,
7.6593

■ 82.9042, 90.3689,
107.6812

■ 49.7933, 53.0270,
7.6109

■ 84.0180, 92.5965,
108.0524

Harmonies

Analogous

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



69.6820, 70.2092, 55.1747



65.1390, 70.2092, 54.3745



61.2031, 70.2092, 58.9578

Triad

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



65.1390, 70.2092, 54.3745



60.3077, 70.2092, 93.9228



75.3238, 70.2092, 85.0796

Complementary

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



65.1390, 70.2092, 54.3745



51.2162, 51.8300, 79.2566

Split Complementary

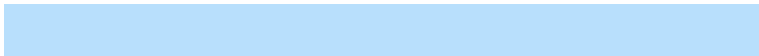
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.5837, 70.2092, 97.0895



65.1390, 70.2092, 54.3745



63.8660, 70.2092, 102.5827

Square

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



65.1390, 70.2092, 54.3745



58.4991, 70.2092, 81.1370



68.3502, 70.2092, 103.8032



75.7027, 70.2092, 71.9392

Rectangle

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



65.1390, 70.2092, 54.3745



59.4005, 70.2092, 64.7912



68.3502, 70.2092, 103.8032



74.6426, 70.2092, 89.4205

Sweetspot

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



65.1409, 70.2123, 54.3760



91.9126, 97.5114, 96.1819



57.3142, 53.3141, 55.6048



19.6026, 20.8147, 20.3037



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.



65.1409, 70.2123, 54.3760



84.1011, 90.9762, 65.5612



62.6000, 71.6687, 54.7910



14.6765, 15.6390, 14.5519



28.4797, 30.3974, 4.3662



2.0245, 2.2079, 0.3195

Inverse Universe

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



51.2162, 51.8300, 79.2566



62.8990, 62.9885, 103.4506



53.3949, 50.7732, 78.9378



13.1271, 13.5934, 17.3196



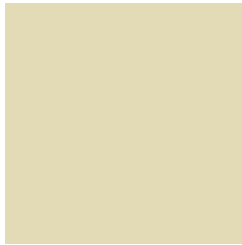
8.2461, 3.9618, 41.3784



0.6264, 0.3843, 2.8864

Previews

White Background



This preview shows how the XYZ color 65.1390, 70.2092, 54.3745 looks on a white background.

Color Contrast Check

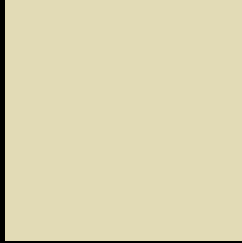
Large Text (above 18pt) WCAG AA × Fail

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 65.1390, 70.2092, 54.3745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

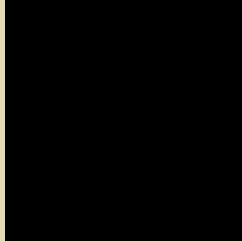
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

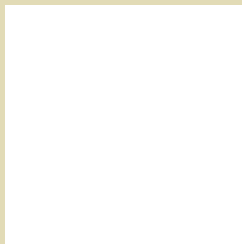
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.1390, 70.2092, 54.3745

Background



This preview shows how black text looks on a background with the XYZ color 65.1390, 70.2092, 54.3745.



This preview shows how white text looks on a background with the XYZ color 65.1390, 70.2092,

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

65.1390, 70.2092, 54.3745

Protanopia

66.0450, 70.3020, 53.8048

Deuteranopia

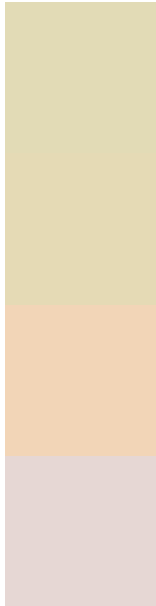
71.4820, 70.0631, 55.1034



Tritanopia

70.9651, 69.8999, 83.8805

Trichromacy



Original Color

65.1390, 70.2092, 54.3745

Protanomaly

65.7250, 70.1370, 53.7898

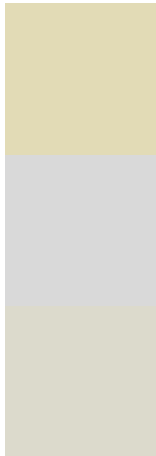
Deuteranomaly

68.9594, 69.8846, 54.6543

Tritanomaly

68.8172, 70.1773, 72.2059

Monochromacy



Original Color

65.1390, 70.2092, 54.3745

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.4857, 69.7181, 67.1322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1390, 70.2092, 54.3745 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, 219, 182) looks like.

```
.text, #text, p{  
    color:rgb(226, 219, 182)  
}
```

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, 219, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 219, 182) }
```

Border

The CSS property to change the border of an element to XYZ 65.1390, 70.2092, 54.3745 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, 219, 182) }
```


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

```
.border{ border-color:rgb(226, 219, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 219, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 219, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 219, 182); box-shadow:4px 4px 4px 4px rgb(226, 219, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1390, 70.2092, 54.3745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 219, 182) }
```

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

```
.background{ background-color: rgb(226,  
219, 182) }
```

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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