

Converting Colors

XYZ(65.9250, 75.3966, 54.0473)

Have a look what the booklet for
XYZ(65.9250, 75.3966, 54.0473)
contains.

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Color

**XYZ(66.0276, 75.5072,
54.2743)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE7B4
RGB	219, 231, 180
RGB Percent	86%, 91%, 71%
CMY	0.1412, 0.0941, 0.2941
CMYK	0.05, 0.00, 0.22, 0.09
HSL	74°, 52%, 81%
HSV	74°, 22%, 91%
XYZ	66.0276, 75.5072, 54.2743
YIQ	221.5980, 9.2190, -18.4050

Conversions

Conversions Part 2

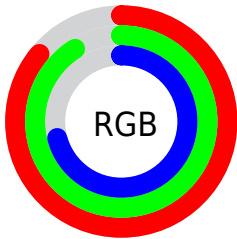
Format	Color
RYB	180, 231, 192
Decimal	14411700
CIELab	89.63, -12.48, 23.54
CIELCh	90, 26.645, 117.921
Yxy	75.5072, 0.3372, 0.3856
Android (android.graphics.Color)	4292601780 (0xFFDBE7B4)
YUV	221.5980, -20.5078, -2.2784
Hunter-Lab	86.8949, -16.4317, 23.7940

Details

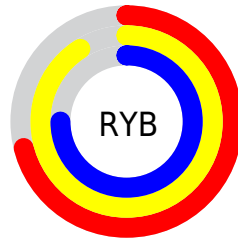
The XYZ color **66.0276, 75.5072, 54.2743** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.4862, 49.6205, 82.4168**, and the grayscale version is **69.2848, 72.8930, 79.3805**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **34.4706, 40.0848, 25.9990** is the 20% darker color. If you saturate the color by 10%, you get **62.2592, 73.8165, 42.8208**, and if you desaturate by 10%, it is **70.2456, 77.3890, 67.7992**.

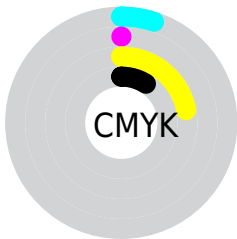
Distribution



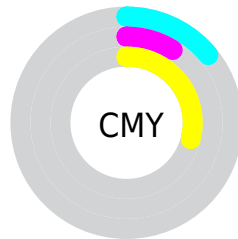
- Red (86%)
- Green (91%)
- Blue (71%)



- Red (71%)
- Yellow (91%)
- Blue (75%)



- Cyan (5%)
- Magenta (0%)
- Yellow (22%)
- Black (9%)



- Cyan (14%)
- Magenta (9%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0276, 75.5072, 54.2743 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 66.0276, 75.5072, 54.2743 by changing the saturation by 10% instead.

■ 66.0276, 75.5072,
54.2743

■ 66.0276, 75.5072,
54.2743

435.9627,
479.6591, 420.3593

■ 48.5626, 56.0285,
38.4263

■ 112.5835,
127.0301, 97.9373

■ 34.4857, 40.2258,
26.0094

142.4050,
159.8430, 126.5895

■ 23.4317, 27.7146,
16.6048

177.0761,
197.8695, 160.3468

■ 15.0350, 18.1107,
9.7942

216.9622,
241.4940, 199.6278

■ 8.9304, 11.0295,
5.1589

262.4285,
291.1008, 244.8510

■ 4.7526, 6.0867,
2.2804

313.8405,

■ 2.1361, 2.8978,

347.0743, 296.4349

0.7202

371.5634,
409.7989, 354.7982

0.7087, 1.0786,
0.0000

0.0000, 0.0000,
0.0000

66.0276, 75.5072,
54.2743

66.0276, 75.5072,
54.2743

62.2592, 73.8165,
42.8208

70.2456, 77.3890,
67.7992

58.9147, 72.2989,
33.3314

74.9259, 79.4595,
83.4859

55.9743, 70.9490,
25.6969

80.0880, 81.7289,
101.4252

53.4144, 69.7573,
19.7951

82.8177, 83.0317,
106.2695

■ 51.2086, 68.7132,
15.4893

■ 84.6991, 84.0016,
106.3575

■ 49.3263, 67.8043,
12.6223

■ 86.6363, 85.0003,
106.4482

■ 47.7312, 67.0162,
11.0048

■ 87.8675, 85.6350,
106.5058

■ 46.6256, 66.4591,
10.3705

Harmonies

Analogous

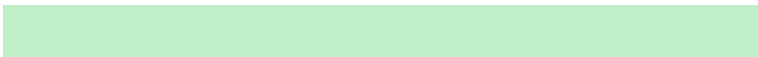
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.2254, 75.5072, 51.1688



66.0276, 75.5072, 54.2743



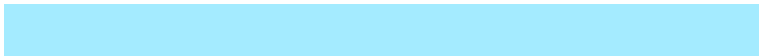
61.6119, 75.5072, 64.5008

Triad

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



66.0276, 75.5072, 54.2743



65.2816, 75.5072, 116.7368



85.1096, 75.5072, 83.5305

Complementary

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



66.0276, 75.5072, 54.2743



52.4862, 49.6205, 82.4168

Split Complementary

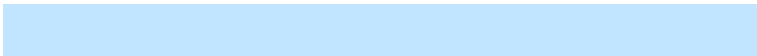
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.9815, 75.5072, 102.9063



66.0276, 75.5072, 54.2743



71.3112, 75.5072, 123.8050

Square

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



66.0276, 75.5072, 54.2743



61.2000, 75.5072, 100.2955



77.8304, 75.5072, 118.3983



83.4860, 75.5072, 66.4487

Rectangle

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



66.0276, 75.5072, 54.2743



60.1381, 75.5072, 74.8923



77.8304, 75.5072, 118.3983



84.8067, 75.5072, 89.9991

Sweetspot

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



66.0296, 75.5105, 54.2759



90.7792, 98.1150, 94.3892



60.0235, 57.9418, 51.2014



19.3546, 20.9671, 19.9492



0.0000, 0.0000, 0.0000



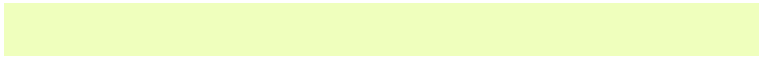
20.3446, 21.4041, 23.3091

Same Dimension

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



66.0296, 75.5105, 54.2759



80.6429, 93.6007, 61.7900



58.9622, 71.8672, 53.9452



15.2526, 16.6373, 15.3119



26.2526, 37.3152, 5.8189



2.0204, 2.7989, 0.4338

Inverse Universe

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



52.4862, 49.6205, 82.4168



61.1687, 56.3668, 102.2637



59.4819, 53.2269, 82.7442



13.8988, 14.0500, 18.1237



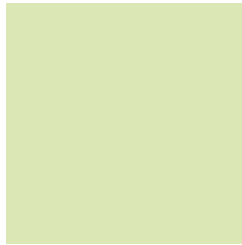
9.0416, 3.7270, 42.6260



0.7492, 0.3172, 3.1537

Previews

White Background



This preview shows how the XYZ color 66.0276, 75.5072, 54.2743 looks on a white background.

Color Contrast Check

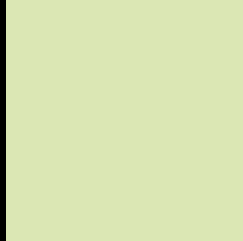
Large Text (above 18pt) WCAG AA × Fail

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 66.0276, 75.5072, 54.2743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

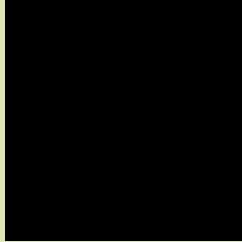
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

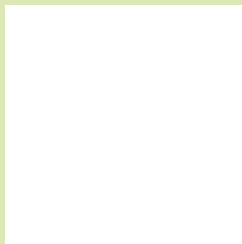
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.0276, 75.5072, 54.2743

Background



This preview shows how black text looks on a background with the XYZ color 66.0276, 75.5072, 54.2743.

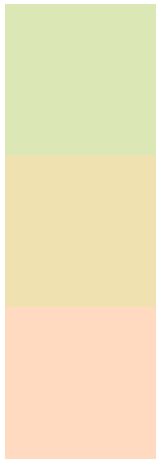


This preview shows how white text looks on a background with the XYZ color 66.0276, 75.5072,

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

66.0276, 75.5072, 54.2743

Protanopia

70.7962, 75.5500, 52.4462

Deuteranopia

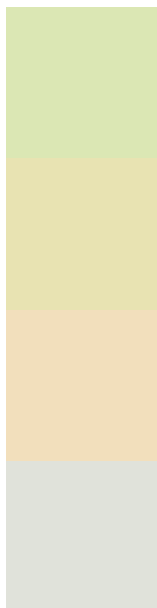
75.8258, 75.2086, 60.3894



Tritanopia

73.7944, 75.3975, 93.1019

Trichromacy



Original Color

66.0276, 75.5072, 54.2743

Protanomaly

68.7837, 75.3083, 53.0302

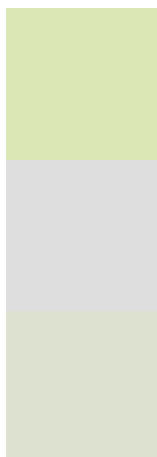
Deuteranomaly

72.0827, 75.2834, 58.3089

Tritanomaly

70.5917, 75.3020, 77.1438

Monochromacy



Original Color

66.0276, 75.5072, 54.2743

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.0065, 73.7276, 69.6780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0276, 75.5072, 54.2743 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(219, 231, 180)` looks like.

```
.text, #text, p{  
    color:rgb(219, 231, 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(219, 231, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 231, 180) }
```

Border

The CSS property to change the border of an element to XYZ 66.0276, 75.5072, 54.2743 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(219, 231, 180) }
```


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

```
.border{ border-color:rgb(219, 231, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 231, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 231, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 231, 180);  
box-shadow:4px 4px 4px 4px rgb(219, 231,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0276, 75.5072, 54.2743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 231, 180) }
```

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

```
.background{ background-color: rgb(219,  
231, 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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