

Converting Colors

XYZ(65.2379, 75.0959, 30.5616)

Have a look what the booklet for
XYZ(65.2379, 75.0959, 30.5616)
contains.

XYZ(65.2772, 75.2301, 30.4824)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.2772, 75.2301,
30.4824)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E67D
RGB	232, 230, 125
RGB Percent	91%, 90%, 49%
CMY	0.0902, 0.0980, 0.5098
CMYK	0.00, 0.01, 0.46, 0.09
HSL	59°, 70%, 70%
HSV	59°, 46%, 91%
XYZ	65.2772, 75.2301, 30.4824
YIQ	218.6280, 34.8970, -32.2310

Conversions

Conversions Part 2

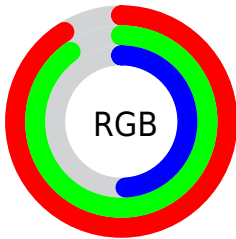
Format	Color
RYB	127, 232, 125
Decimal	15263357
CIELab	89.50, -13.60, 51.06
CIELCh	90, 52.843, 104.917
Yxy	75.2301, 0.3818, 0.4400
Android (android.graphics.Color)	4293453437 (0xFFE8E67D)
YUV	218.6280, -46.1586, 11.7272
Hunter-Lab	86.7353, -17.4472, 39.8777

Details

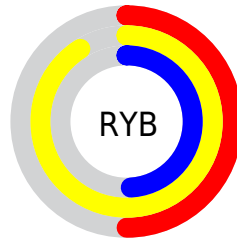
The XYZ color **65.2772, 75.2301, 30.4824** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **30.6123, 25.3642, 79.6261**, and the grayscale version is **67.3685, 70.8769, 77.1849**.

A 20% lighter version of the original color is **85.2382, 96.0753, 57.2319**, and **33.9881, 40.1397, 12.2597** is the 20% darker color. If you saturate the color by 10%, you get **63.8455, 74.4679, 23.5279**, and if you desaturate by 10%, it is **67.0590, 76.1383, 39.2630**.

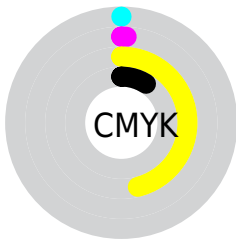
Distribution



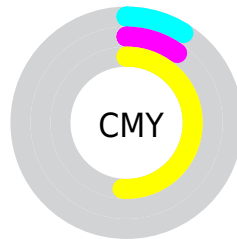
- Red (91%)
- Green (90%)
- Blue (49%)



- Red (50%)
- Yellow (91%)
- Blue (49%)



- Cyan (0%)
- Magenta (1%)
- Yellow (46%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2772, 75.2301, 30.4824 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 65.2772, 75.2301, 30.4824 by changing the saturation by 10% instead.

65.2772, 75.2301,
30.4824

65.2772, 75.2301,
30.4824

433.3169,
478.7081, 318.4236

47.9514, 55.8014,
19.9499

111.5118,
126.6380, 61.4942

33.9995, 40.0437,
12.1749

141.1513,
159.3861, 82.8106

23.0561, 27.5726,
6.7389

175.6261,
197.3427, 108.5587

14.7559, 18.0038,
3.2234

215.3016,
240.8922, 139.1570

8.7334, 10.9527,
1.2098

260.5430,
290.4192, 175.0242

4.6234, 6.0350,
0.0000

311.7158,

2.0605, 2.8664,

346.3079, 216.5786

0.0000

369.1853,
408.9427, 264.2389

■ 0.6676, 1.0624,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.2772, 75.2301,
30.4824

■ 65.2772, 75.2301,
30.4824

■ 63.8455, 74.4679,
23.5279

■ 67.0590, 76.1383,
39.2630

■ 62.7340, 73.8315,
18.2661


■ 69.2075, 77.1909,
49.9814


■ 61.9169, 73.3134,
14.5528


■ 71.7449, 78.3995,
62.7459


■ 61.3618, 72.9005,
12.2181


■ 74.6899, 79.7717,
77.6554


 61.0287, 72.5769,
11.0507


 78.0600, 81.3144,
94.8023

 60.9333, 72.4650,
10.7756

 80.3544, 82.4273,
106.2827

 80.4766, 82.6718,
106.3234

 80.5992, 82.9169,
106.3643

 80.7221, 83.1626,
106.4052

Harmonies

Analogous

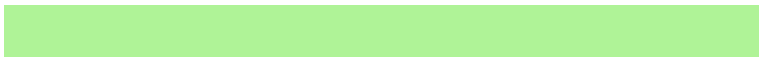
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.1884, 75.2301, 30.5100



65.2772, 75.2301, 30.4824



55.3080, 75.2301, 41.0466

Triad

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



65.2772, 75.2301, 30.4824



55.2651, 75.2301, 143.3661



98.3737, 75.2301, 101.9289

Complementary

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



65.2772, 75.2301, 30.4824



30.6123, 25.3642, 79.6261

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.



90.5881, 75.2301, 143.5781



65.2772, 75.2301, 30.4824



65.2117, 75.2301, 171.9853

Square

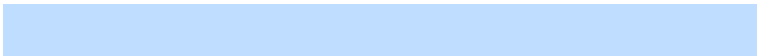
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.2772, 75.2301, 30.4824



50.0204, 75.2301, 101.6986



78.1146, 75.2301, 172.0728



98.3968, 75.2301, 64.8756

Rectangle

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



65.2772, 75.2301, 30.4824



51.2203, 75.2301, 55.2231



78.1146, 75.2301, 172.0728



96.5397, 75.2301, 116.0567

Sweetspot

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



65.2790, 75.2336, 30.4840



89.6139, 97.4866, 81.3187



44.5465, 33.3973, 24.7176



19.0213, 20.7911, 16.5986



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.



65.2790, 75.2336, 30.4840



79.2521, 92.3560, 29.7938



51.8659, 69.1472, 30.0161



15.5774, 16.7687, 15.3201



33.8389, 40.2520, 5.9859



2.5080, 2.9893, 0.4448

Inverse Universe

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



30.6123, 25.3642, 79.6261



31.4911, 23.6553, 97.5139



39.5640, 29.6006, 79.9720



13.6043, 13.9299, 18.1161



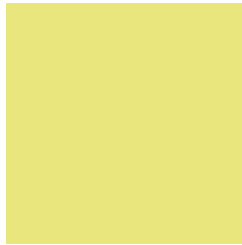
8.1223, 3.3067, 42.5933



0.6079, 0.2596, 3.1500

Previews

White Background



This preview shows how the XYZ color 65.2772, 75.2301, 30.4824 looks on a white background.

Color Contrast Check

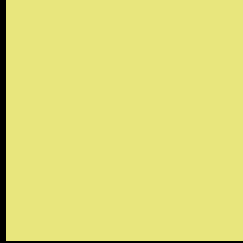
Large Text (above 18pt) WCAG AA × Fail

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 65.2772, 75.2301, 30.4824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

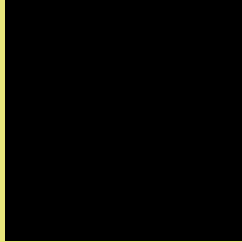
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2772, 75.2301, 30.4824

Background



This preview shows how black text looks on a background with the XYZ color 65.2772, 75.2301, 30.4824.

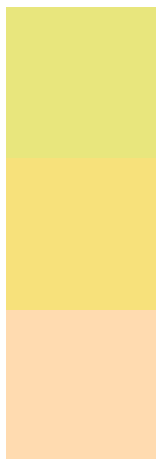


This preview shows how white text looks on a background with the XYZ color 65.2772, 75.2301,

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

65.2772, 75.2301, 30.4824

Protanopia

68.8581, 75.0546, 29.5967

Deuteranopia

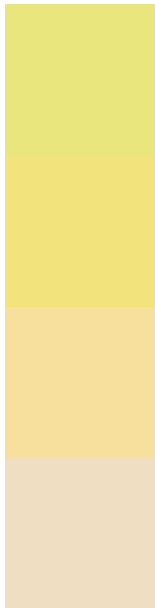
74.4080, 75.0576, 51.6401



Tritanopia

77.1165, 74.8570, 88.9816

Trichromacy



Original Color

65.2772, 75.2301, 30.4824

Protanomaly

67.7251, 75.2707, 30.0280

Deuteranomaly

70.8313, 74.9838, 42.6384

Tritanomaly

71.9068, 74.7079, 62.2599

Monochromacy



Original Color

65.2772, 75.2301, 30.4824

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

65.8851, 72.1254, 56.3480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2772, 75.2301, 30.4824 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(232, 230, 125)` looks like.

```
.text, #text, p{  
    color:rgb(232, 230, 125)  
}
```

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(232, 230, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 230, 125) }
```

Border

The CSS property to change the border of an element to XYZ 65.2772, 75.2301, 30.4824 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(232, 230, 125) }
```


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

```
.border{ border-color:rgb(232, 230, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 230, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 230, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 230, 125);  
box-shadow:4px 4px 4px 4px rgb(232, 230,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2772, 75.2301, 30.4824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 230, 125) }
```

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

```
.background{ background-color: rgb(232,  
230, 125) }
```

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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