

Converting Colors

XYZ(61.6955, 75.8306, 23.2960)

Have a look what the booklet for
XYZ(61.6955, 75.8306, 23.2960)
contains.

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Color

**XYZ(61.4757, 75.5332,
23.1436)**

Conversions

Conversions Part 1

Format	Color
Hex	DCEB63
RGB	220, 235, 99
RGB Percent	86%, 92%, 39%
CMY	0.1373, 0.0784, 0.6117
CMYK	0.06, 0.00, 0.58, 0.08
HSL	67°, 77%, 65%
HSV	67°, 58%, 92%
XYZ	61.4757, 75.5332, 23.1436
YIQ	215.0110, 34.7160, -45.4760

Conversions

Conversions Part 2

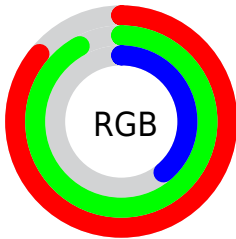
Format	Color
R_{YB}	99, 235, 114
Decimal	14478179
CIE _{Lab}	89.64, -22.95, 62.78
CIE _{LCh}	90, 66.846, 110.078
Yxy	75.5332, 0.3839, 0.4716
Android (android.graphics.Color)	4292668259 (0xFFDCEB63)
YUV	215.0110, -57.1934, 4.3754
Hunter-Lab	86.9098, -25.8302, 45.0483

Details

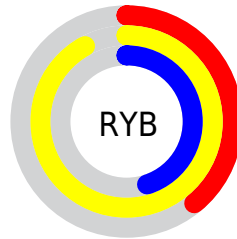
The XYZ color **61.4757, 75.5332, 23.1436** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **26.3992, 18.5010, 80.7815**, and the grayscale version is **64.9593, 68.3422, 74.4247**.

A 20% lighter version of the original color is **82.8327, 95.1131, 44.5648**, and **31.4383, 40.0887, 8.2714** is the 20% darker color. If you saturate the color by 10%, you get **59.7337, 74.7492, 18.0270**, and if you desaturate by 10%, it is **63.5603, 76.4612, 29.9852**.

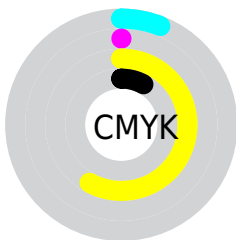
Distribution



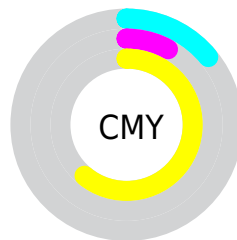
- Red (86%)
- Green (92%)
- Blue (39%)



- Red (39%)
- Yellow (92%)
- Blue (45%)



- Cyan (6%)
- Magenta (0%)
- Yellow (58%)
- Black (8%)



- Cyan (14%)
- Magenta (8%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4757, 75.5332, 23.1436 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 61.4757, 75.5332, 23.1436 by changing the saturation by 10% instead.

61.4757, 75.5332,
23.1436

61.4757, 75.5332,
23.1436

419.7641,
479.7482, 281.6075

44.8632, 56.0498,
14.4933

106.0616,
127.0668, 49.5552

31.5505, 40.2429,
8.3219

134.7658,
159.8859, 68.1535

21.1723, 27.7280,
4.2109

168.2311,
197.9190, 90.9050

13.3632, 18.1207,
1.7417

206.8231,
241.5504, 118.2281

7.7578, 11.0367,
0.3891

250.9070,
291.1647, 150.5413

3.9909, 6.0915,
0.0000

300.8483,

1.6970, 2.9008,

347.1462, 188.2633

0.0000

357.0122,
409.8792, 231.8125

0.4544, 1.0802,
0.0000

0.0000, 0.0000,
0.0000

61.4757, 75.5332,
23.1436

61.4757, 75.5332,
23.1436

59.7337, 74.7492,
18.0270

63.5603, 76.4612,
29.9852

58.2996, 74.0870,
14.4766


66.0080, 77.5330,
38.6826


57.1407, 73.5362,
12.3127


68.8438, 78.7616,
49.3595


56.2099, 73.0781,
11.2865


72.0890, 80.1552,
62.1278


 56.0260, 72.9865,
11.1349

 75.7632, 81.7220,
77.0906

 79.8848, 83.4691,
94.3447

 83.0707, 84.8434,
106.6059

 83.9483, 85.2959,
106.6469

 84.8386, 85.7548,
106.6886

Harmonies

Analogous

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



77.3788, 75.5332, 21.4073



61.4757, 75.5332, 23.1436



50.1717, 75.5332, 36.7451

Triad

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



61.4757, 75.5332, 23.1436



53.3535, 75.5332, 173.0658



107.6568, 75.5332, 98.8523

Complementary

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



61.4757, 75.5332, 23.1436



26.3992, 18.5010, 80.7815

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.



98.8721, 75.5332, 155.1120



61.4757, 75.5332, 23.1436



66.4809, 75.5332, 207.5675

Square

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



61.4757, 75.5332, 23.1436



46.0027, 75.5332, 117.4093



83.2024, 75.5332, 199.9715



105.7701, 75.5332, 54.9093

Rectangle

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



61.4757, 75.5332, 23.1436



45.9808, 75.5332, 55.0868



83.2024, 75.5332, 199.9715



105.8083, 75.5332, 117.1154

Sweetspot

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



61.4775, 75.5366, 23.1452



87.1016, 96.6199, 76.1149



42.3763, 30.2862, 15.4177



18.4641, 20.6039, 15.5742



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.



61.4775, 75.5366, 23.1452



71.6278, 89.8473, 20.9738



45.1758, 67.1328, 22.3823



16.1787, 17.5377, 16.0511



31.2467, 40.6527, 6.1999



2.5004, 3.2163, 0.4890

Inverse Universe

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



26.3992, 18.5010, 80.7815



25.9368, 15.4417, 96.2213



38.4221, 24.6990, 81.3442



14.3855, 14.6285, 18.9876



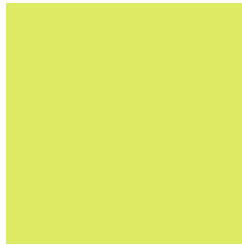
8.6336, 3.4867, 43.9609



0.7293, 0.3003, 3.4544

Previews

White Background



This preview shows how the XYZ color 61.4757, 75.5332, 23.1436 looks on a white background.

Color Contrast Check

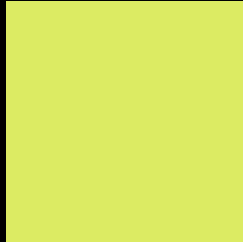
Large Text (above 18pt) WCAG AA × Fail

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 61.4757, 75.5332, 23.1436 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 61.4757, 75.5332, 23.1436

Background



This preview shows how black text looks on a background with the XYZ color 61.4757, 75.5332, 23.1436.



This preview shows how white text looks on a background with the XYZ color 61.4757, 75.5332,

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

61.4757, 75.5332, 23.1436

Protanopia

68.4609, 75.0189, 21.9382

Deuteranopia

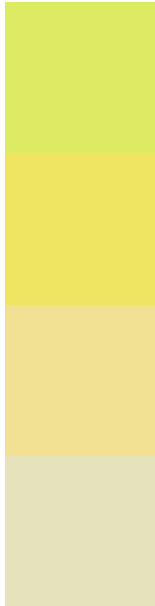
74.2115, 74.9790, 50.6054



Tritanopia

75.5500, 75.5481, 91.4893

Trichromacy



Original Color

61.4757, 75.5332, 23.1436

Protanomaly

65.7736, 75.2524, 22.3678

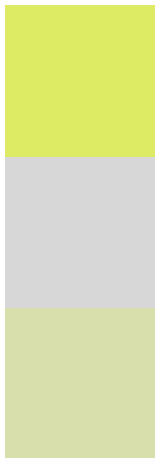
Deuteranomaly

68.8096, 74.8343, 38.4216

Tritanomaly

68.7991, 74.8036, 57.8261

Monochromacy



Original Color

61.4757, 75.5332, 23.1436

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

62.2794, 70.0114, 49.7662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4757, 75.5332, 23.1436 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(220, 235, 99)` looks like.

```
.text, #text, p{  
    color:rgb(220, 235, 99)  
}
```

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(220, 235, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 235, 99) }
```

Border

The CSS property to change the border of an element to XYZ 61.4757, 75.5332, 23.1436 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(220, 235, 99) }
```


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

```
.border{ border-color:rgb(220, 235, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 235, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 235, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 235, 99);  
box-shadow:4px 4px 4px 4px rgb(220, 235,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4757, 75.5332, 23.1436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 235, 99) }
```

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

```
.background{ background-color: rgb(220,  
235, 99) }
```

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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