

# Converting Colors

XYZ(61.3402, 71.8111, 26.0887)

Have a look what the booklet for  
XYZ(61.3402, 71.8111, 26.0887)  
contains.

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# Color

**XYZ(61.1723, 71.5701,  
25.9195)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1E270
RGB	225, 226, 112
RGB Percent	88%, 89%, 44%
CMY	0.1176, 0.1137, 0.5608
CMYK	0.00, 0.00, 0.50, 0.11
HSL	61°, 66%, 66%
HSV	61°, 50%, 89%
XYZ	61.1723, 71.5701, 25.9195
YIQ	212.7050, 35.9980, -35.6660

# Conversions

## Conversions Part 2

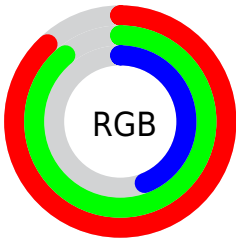
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 226, 113
Decimal	14803568
CIE <sub>Lab</sub>	87.76, -15.55, 54.95
CIE <sub>LCh</sub>	88, 57.106, 105.805
Yxy	71.5701, 0.3856, 0.4511
Android (android.graphics.Color)	4292993648 (0xFFE1E270)
YUV	212.7050, -49.6476, 10.7827
Hunter-Lab	84.5991, -18.9779, 41.0541

# Details

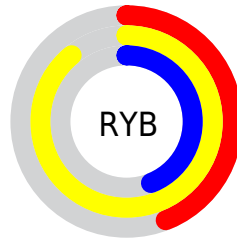
The XYZ color **61.1723, 71.5701, 25.9195** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **26.3341, 20.5917, 74.5425**, and the grayscale version is **63.3546, 66.6540, 72.5862**.

A 20% lighter version of the original color is **83.8829, 95.5332, 50.0950**, and **31.2887, 37.6571, 9.7571** is the 20% darker color. If you saturate the color by 10%, you get **60.0072, 71.0995, 20.1009**, and if you desaturate by 10%, it is **62.6568, 72.1737, 33.4042**.

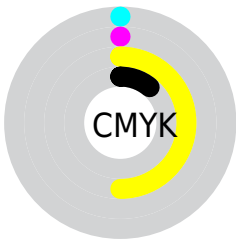
# Distribution



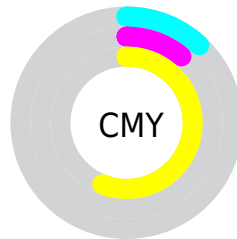
- Red (88%)
- Green (89%)
- Blue (44%)



- Red (44%)
- Yellow (89%)
- Blue (44%)



- Cyan (0%)
- Magenta (0%)
- Yellow (50%)
- Black (11%)




- Cyan (12%)
- Magenta (11%)
- Yellow (56%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1723, 71.5701, 25.9195 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 61.1723, 71.5701, 25.9195 by changing the saturation by 10% instead.





 61.1723, 71.5701,  
25.9195

 61.1723, 71.5701,  
25.9195


418.6713,  
466.0439, 295.9796

 44.6173, 52.8076,  
16.5382


 105.6251,  
121.4451, 54.1275

 31.3561, 37.6492,  
9.7473


 134.2536,  
153.3264, 73.7914

 21.0233, 25.7105,  
5.1283


 167.6373,  
190.3494, 97.7198

 13.2536, 16.6072,  
2.2627

206.1415,  
232.8985, 126.3313

 7.6816, 9.9548,  
0.7102

250.1317,  
281.3581, 160.0445

 3.9420, 5.3690,  
0.0000

299.9731,

 1.6694, 2.4654,

336.1126, 199.2779

0.0000

356.0312,  
397.5464, 244.4501

■ 0.4370, 0.8592,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 61.1723, 71.5701,  
25.9195

■ 61.1723, 71.5701,  
25.9195

■ 60.0072, 71.0995,  
20.1009

■ 62.6568, 72.1737,  
33.4042

■ 59.1321, 70.7423,  
15.8171


■ 64.4770, 72.9090,  
42.6644


■ 58.5213, 70.4908,  
12.9244


■ 66.6545, 73.7872,  
53.8052


■ 58.1420, 70.3319,  
11.2500


■ 69.2074, 74.8155,  
66.9224


 57.9418, 70.2450,  
10.5048

 72.1526, 76.0008,  
82.1053

 75.5060, 77.3495,  
99.4377

 76.7364, 77.8489,  
105.5896

 76.7992, 77.8812,  
105.5926

 76.8620, 77.9136,  
105.5955

# Harmonies

## Analogous

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



74.6173, 71.5701, 25.6599



61.1723, 71.5701, 25.9195



51.0012, 71.5701, 36.6232

# Triad

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



61.1723, 71.5701, 25.9195



51.4295, 71.5701, 144.6109



96.5426, 71.5701, 97.6978

# Complementary

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



61.1723, 71.5701, 25.9195



26.3341, 20.5917, 74.5425

# 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.



88.4697, 71.5701, 142.3842



61.1723, 71.5701, 25.9195



61.8333, 71.5701, 174.9725

# Square

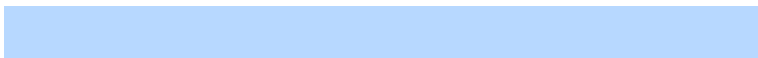
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.1723, 71.5701, 25.9195



45.9074, 71.5701, 100.0708



75.3718, 71.5701, 174.0439



96.3036, 71.5701, 59.3186



# Rectangle

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



61.1723, 71.5701, 25.9195



46.9179, 71.5701, 51.1694



75.3718, 71.5701, 174.0439



94.6689, 71.5701, 112.6887

# Sweetspot

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



61.1740, 71.5734, 25.9210



89.3678, 97.7128, 79.6255



40.0852, 28.9287, 18.8012



18.9776, 20.8538, 16.2686



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.



61.1740, 71.5734, 25.9210



78.7703, 93.4300, 25.7996



46.4860, 64.0014, 25.2336



14.8592, 16.0231, 14.6164



33.0596, 40.0754, 5.9929



2.2954, 2.7798, 0.4156



# Inverse Universe

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



26.3341, 20.5917, 74.5425



27.9016, 18.9857, 96.8018



35.8860, 25.5159, 74.9895



12.9632, 13.2491, 17.2618



7.8510, 3.1426, 41.2412

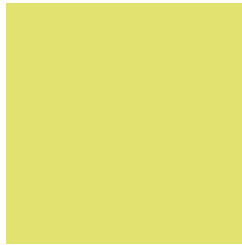


0.5482, 0.2199, 2.8588



# Previews

## White Background



This preview shows how the XYZ color 61.1723, 71.5701, 25.9195 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 61.1723, 71.5701, 25.9195 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 61.1723, 71.5701, 25.9195

## Background



This preview shows how black text looks on a background with the XYZ color 61.1723, 71.5701, 25.9195.



This preview shows how white text looks on a background with the XYZ color 61.1723, 71.5701,

25.9195.

# 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

61.1723, 71.5701, 25.9195

### Protanopia

65.3698, 71.3669, 25.0817

### Deuteranopia

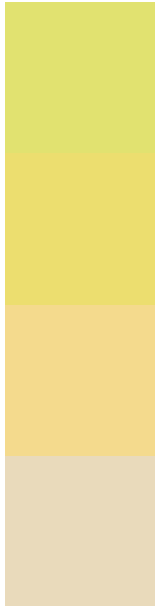
71.2058, 71.3171, 42.3604



## Tritanopia

73.0022, 71.3062, 84.7788

# Trichromacy



## Original Color

61.1723, 71.5701, 25.9195

## Protanomaly

63.5826, 71.2231, 25.4352

## Deuteranomaly

67.1873, 71.2990, 35.4202

## Tritanomaly

67.6453, 71.0543, 57.1633

# Monochromacy



## Original Color

61.1723, 71.5701, 25.9195

## Achromatopsia

63.2451, 66.5387, 72.4607

## Achromatomaly

61.5231, 68.0291, 50.9626

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.1723, 71.5701, 25.9195 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(225, 226, 112)` looks like.

```
.text, #text, p{  
    color:rgb(225, 226, 112)  
}
```

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(225, 226, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 226, 112) }
```

## Border

The CSS property to change the border of an element to XYZ 61.1723, 71.5701, 25.9195 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(225, 226, 112) }
```



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

```
.border{ border-color:rgb(225, 226, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 226, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 226, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 226, 112); box-shadow:4px 4px 4px 4px rgb(225, 226, 112) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.1723, 71.5701, 25.9195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 226, 112) }
```

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

```
.background{ background-color: rgb(225,  
226, 112) }
```

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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