

Converting Colors

XYZ(65.4735, 73.2103, 61.7163)

Have a look what the booklet for
XYZ(65.4735, 73.2103, 61.7163)
contains.

XYZ(65.5256, 73.4321, 61.7592)	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(65.5256, 73.4321,
61.7592)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E3C2
RGB	216, 227, 194
RGB Percent	85%, 89%, 76%
CMY	0.1529, 0.1098, 0.2392
CMYK	0.05, 0.00, 0.15, 0.11
HSL	80°, 37%, 83%
HSV	80°, 15%, 89%
XYZ	65.5256, 73.4321, 61.7592
YIQ	219.9490, 4.0370, -12.5950

Conversions

Conversions Part 2

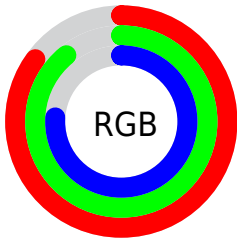
Format	Color
RYB	194, 227, 205
Decimal	14214082
CIELab	88.65, -9.39, 14.88
CIELCh	89, 17.597, 122.257
Yxy	73.4321, 0.3265, 0.3658
Android (android.graphics.Color)	4292404162 (0xFFD8E3C2)
YUV	219.9490, -12.7929, -3.4633
Hunter-Lab	85.6925, -13.4702, 17.2541

Details

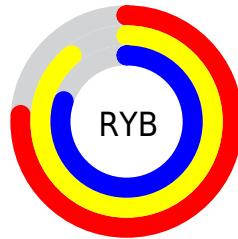
The XYZ color **65.5256, 73.4321, 61.7592** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58.3366, 57.1107, 80.6257**, and the grayscale version is **68.0781, 71.6234, 77.9979**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **34.1841, 38.9756, 30.5323** is the 20% darker color. If you saturate the color by 10%, you get **60.9841, 71.3655, 49.2395**, and if you desaturate by 10%, it is **70.5636, 75.7140, 76.3380**.

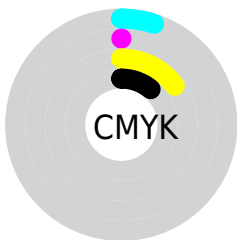
Distribution



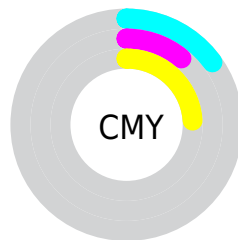
- Red (85%)
- Green (89%)
- Blue (76%)



- Red (76%)
- Yellow (89%)
- Blue (80%)



- Cyan (5%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)



- Cyan (15%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5256, 73.4321, 61.7592 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 65.5256, 73.4321, 61.7592 by changing the saturation by 10% instead.

65.5256, 73.4321,
61.7592

65.5256, 73.4321,
61.7592

434.1938,
472.5110, 449.0356

48.1537, 54.3294,
44.4036

111.8667,
124.0904, 108.9456

34.1604, 38.8650,
30.6484

141.5665,
156.4148, 139.6136

23.1803, 26.6548,
20.0751

176.1064,
193.9152, 175.5561

14.8481, 17.3141,
12.2650

215.8517,
236.9760, 217.1917

8.7985, 10.4587,
6.7997

261.1677,
285.9816, 264.9389

4.6660, 5.7041,
3.2606

312.4198,

2.0854, 2.6660,

341.3164, 319.2162

1.2292

369.9734,
403.3647, 380.4423

■ 0.6813, 0.9600,
0.0027

■ 0.0000, 0.0000,
0.0000

■ 65.5256, 73.4321,
61.7592

■ 65.5256, 73.4321,
61.7592

■ 60.9841, 71.3655,
49.2395

■ 70.5636, 75.7140,
76.3380

■ 56.9141, 69.4968,
38.6815

■ 76.1100, 78.2090,
93.0582

■ 53.2974, 67.8210,
29.9866

■ 81.0186, 80.4610,
105.8681

■ 50.1118, 66.3291,
23.0462

■ 83.6238, 81.8040,
105.9901

■ 47.3330, 65.0111,
17.7402

■ 86.3372, 83.2029,
106.1170

■ 44.9340, 63.8562,
13.9334

■ 86.7605, 83.4211,
106.1368

■ 42.8834, 62.8515,
11.4691

■ 41.1433, 61.9817,
10.1559

■ 40.2917, 61.5506,
9.7569

Harmonies

Analogous

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



69.4738, 73.4321, 58.7841



65.5256, 73.4321, 61.7592



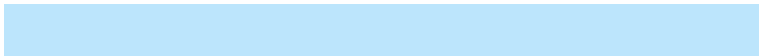
62.8125, 73.4321, 69.5525

Triad

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



65.5256, 73.4321, 61.7592



66.0613, 73.4321, 102.4975



78.2791, 73.4321, 79.0372

Complementary

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



65.5256, 73.4321, 61.7592



58.3366, 57.1107, 80.6257

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.



77.2767, 73.4321, 91.3464



65.5256, 73.4321, 61.7592



70.1172, 73.4321, 105.6819

Square

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



65.5256, 73.4321, 61.7592



63.1129, 73.4321, 93.1017



74.2460, 73.4321, 101.4140



76.9329, 73.4321, 68.1083

Rectangle

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



65.5256, 73.4321, 61.7592



62.0101, 73.4321, 76.8447



74.2460, 73.4321, 101.4140



78.2056, 73.4321, 83.1483

Sweetspot

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



65.5276, 73.4353, 61.7608



92.2107, 98.7210, 100.4212



63.2501, 63.8910, 60.0386



19.6252, 21.0800, 21.1639



0.0000, 0.0000, 0.0000



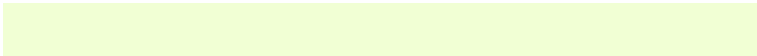
20.3446, 21.4041, 23.3091

Same Dimension

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



65.5276, 73.4353, 61.7608



83.7204, 94.8768, 75.9566



60.8951, 71.0472, 61.5440



15.1102, 16.5639, 15.3052



23.6255, 35.9609, 5.6960



1.8434, 2.7077, 0.4255

Inverse Universe

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



58.3366, 57.1107, 80.6257



72.9028, 70.3177, 104.3380



63.1308, 59.5822, 80.8501



14.0334, 14.1194, 18.1300



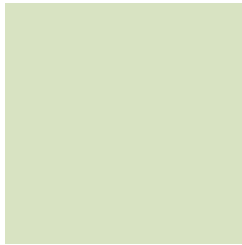
9.9206, 4.1802, 42.6671



0.8288, 0.3582, 3.1574

Previews

White Background



This preview shows how the XYZ color 65.5256, 73.4321, 61.7592 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 65.5256, 73.4321, 61.7592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

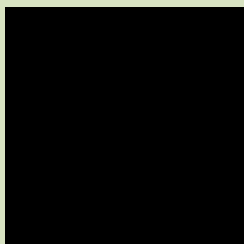
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

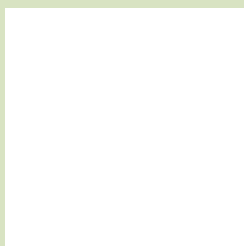
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.5256, 73.4321, 61.7592

Background



This preview shows how black text looks on a background with the XYZ color 65.5256, 73.4321, 61.7592.



This preview shows how white text looks on a background with the XYZ color 65.5256, 73.4321, 61.7592.

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

65.5256, 73.4321, 61.7592

Protanopia

69.1295, 73.3278, 59.8004

Deuteranopia

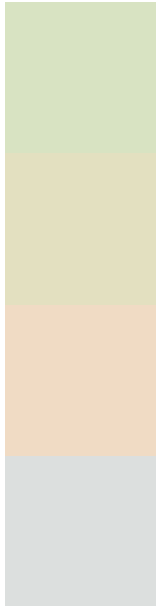
74.6326, 73.0070, 62.9815



Tritanopia

71.4133, 73.4155, 91.2957

Trichromacy



Original Color

65.5256, 73.4321, 61.7592

Protanomaly

67.8486, 73.4480, 60.4700

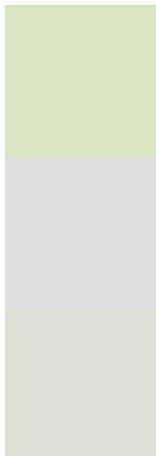
Deuteranomaly

71.2305, 73.1738, 62.5943

Tritanomaly

69.0877, 73.2649, 79.6075

Monochromacy



Original Color

65.5256, 73.4321, 61.7592

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.3590, 72.5386, 72.0792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5256, 73.4321, 61.7592 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(216, 227, 194)` looks like.

```
.text, #text, p{  
    color:rgb(216, 227, 194)  
}
```

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(216, 227, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 227, 194) }
```

Border

The CSS property to change the border of an element to XYZ 65.5256, 73.4321, 61.7592 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(216, 227, 194) }
```


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

```
.border{ border-color:rgb(216, 227, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 227, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 227, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 227, 194);  
box-shadow:4px 4px 4px 4px rgb(216, 227,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5256, 73.4321, 61.7592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 227, 194) }
```

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

```
.background{ background-color: rgb(216,  
227, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor