

Converting Colors

XYZ(63.7171, 65.3361, 53.8824)

Have a look what the booklet for
XYZ(63.7171, 65.3361, 53.8824)
contains.

XYZ(63.7362, 65.3536, 54.0550)	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(63.7362, 65.3536,
54.0550)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D0B7
RGB	230, 208, 183
RGB Percent	90%, 82%, 72%
CMY	0.0980, 0.1843, 0.2823
CMYK	0.00, 0.10, 0.20, 0.10
HSL	32°, 48%, 81%
HSV	32°, 20%, 90%
XYZ	63.7362, 65.3536, 54.0550
YIQ	211.7280, 21.1370, -3.1110

Conversions

Conversions Part 2

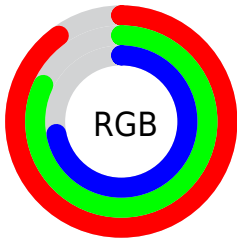
Format	Color
RYB	224, 230, 183
Decimal	15126711
CIELab	84.67, 3.74, 15.20
CIELCh	85, 15.651, 76.179
Yxy	65.3536, 0.3480, 0.3568
Android (android.graphics.Color)	4293316791 (0xFFE6D0B7)
YUV	211.7280, -14.1629, 16.0245
Hunter-Lab	80.8416, -0.7418, 16.9446

Details

The XYZ color **63.7362, 65.3536, 54.0550** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6423, 59.4416, 83.4040**, and the grayscale version is **62.4813, 65.7352, 71.5857**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **33.0404, 33.7216, 25.8866** is the 20% darker color. If you saturate the color by 10%, you get **58.9998, 59.4037, 41.6149**, and if you desaturate by 10%, it is **69.0454, 71.8222, 68.6176**.

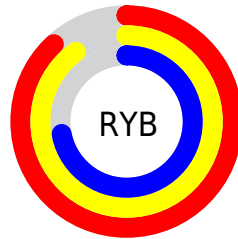
Distribution



Red (90%)

Green (82%)

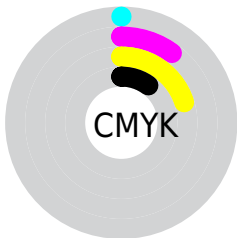
Blue (72%)



Red (88%)

Yellow (90%)

Blue (72%)

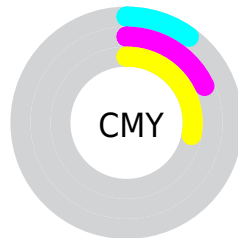


Cyan (0%)

Magenta (10%)

Yellow (20%)

Black (10%)



Cyan (10%)


Magenta (18%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.7362, 65.3536, 54.0550 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 63.7362, 65.3536, 54.0550 by changing the saturation by 10% instead.


 63.7362, 65.3536,
54.0550

 63.7362, 65.3536,
54.0550


427.8537,
444.0616, 419.5003

 46.6979, 47.7479,
38.2522


 109.3068,
112.5581, 97.6122

 33.0039, 33.6273,
25.8751


138.5698,
142.9256, 126.2037

 22.2887, 22.6074,
16.5053

172.6385,
178.3158, 159.8951

 14.1869, 14.3039,
9.7242

211.8781,
219.1132, 199.1050

 8.3334, 8.3323,
5.1133

256.6541,
265.7020, 244.2519

 4.3626, 4.3083,
2.2540

307.3318,

 1.9092, 1.8475,

318.4668, 295.7544

0.7053

364.2766,
377.7918, 354.0310

■ 0.5822, 0.5165,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.7362, 65.3536,
54.0550

■ 63.7362, 65.3536,
54.0550

■ 58.9998, 59.4037,
41.6149

■ 69.0454, 71.8222,
68.6176

■ 54.8086, 53.9489,
31.1920

■ 74.9434, 78.8144,
85.3928

■ 51.1400, 48.9768,
22.6781

■ 81.4518, 86.3465,
104.4705

■ 47.9679, 44.4709,
15.9534

■ 85.1994, 93.0752,
108.0826

45.2632, 40.4134,
10.8840

86.4433, 95.5631,
108.4972

42.9931, 36.7848,
7.3170

41.1191, 33.5630,
5.0702

39.6375, 30.8315,
3.8620

Harmonies

Analogous

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



66.8879, 65.3536, 58.1537



63.7362, 65.3536, 54.0550



60.2624, 65.3536, 54.2259

Triad

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



63.7362, 65.3536, 54.0550



55.8822, 65.3536, 76.6589



67.0937, 65.3536, 85.3375

Complementary

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



63.7362, 65.3536, 54.0550



55.6423, 59.4416, 83.4040

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.



64.0085, 65.3536, 91.2942



63.7362, 65.3536, 54.0550



57.5778, 65.3536, 85.9716

Square

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



63.7362, 65.3536, 54.0550



55.8155, 65.3536, 66.6587



60.5247, 65.3536, 91.5366



68.8750, 65.3536, 75.8573

Rectangle

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



63.7362, 65.3536, 54.0550



58.2326, 65.3536, 56.7242



60.5247, 65.3536, 91.5366



66.1696, 65.3536, 87.8558

Sweetspot

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



63.7379, 65.3565, 54.0564



90.4418, 94.5698, 95.6916



60.6734, 55.1333, 65.6568



19.2545, 20.1185, 20.1877



0.0000, 0.0000, 0.0000



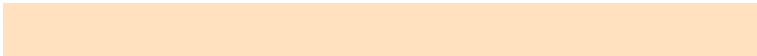
20.3446, 21.4041, 23.3091

Same Dimension

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



63.7379, 65.3565, 54.0564



77.6416, 78.9727, 60.5857



69.2268, 76.7066, 55.9579



15.0087, 15.6312, 15.1305



22.5640, 17.7022, 2.2276



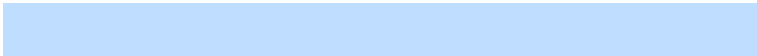
1.7602, 1.4938, 0.1956

Inverse Universe

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



55.6423, 59.4416, 83.4040



65.4775, 70.0862, 104.6847



50.9325, 49.7447, 81.7805



14.1361, 14.9936, 18.2933



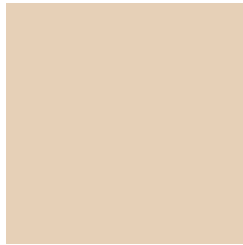
11.2206, 9.5033, 43.6261



0.9214, 0.8868, 3.2546

Previews

White Background



This preview shows how the XYZ color 63.7362, 65.3536, 54.0550 looks on a white background.

Color Contrast Check

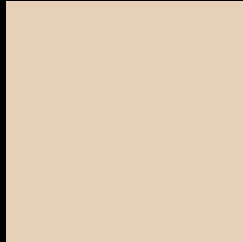
Large Text (above 18pt) WCAG AA × Fail

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 63.7362, 65.3536, 54.0550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

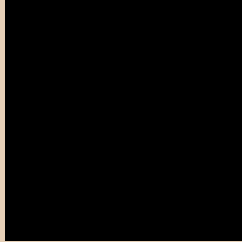
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.7362, 65.3536, 54.0550

Background



This preview shows how black text looks on a background with the XYZ color 63.7362, 65.3536, 54.0550.



This preview shows how white text looks on a background with the XYZ color 63.7362, 65.3536,

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

63.7362, 65.3536, 54.0550

Protanopia

61.7648, 65.4214, 54.7196

Deuteranopia

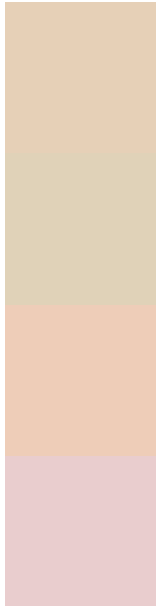
66.8625, 65.5237, 54.4707



Tritanopia

68.4031, 65.4885, 76.0531

Trichromacy



Original Color

63.7362, 65.3536, 54.0550

Protanomaly

62.4388, 65.4012, 54.6802

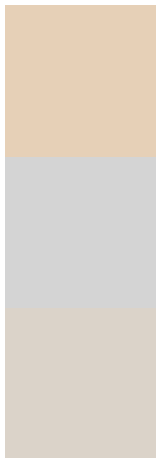
Deuteranomaly

65.7429, 65.3005, 54.4866

Tritanomaly

66.5762, 65.4425, 67.5152

Monochromacy



Original Color

63.7362, 65.3536, 54.0550

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.0503, 65.8656, 64.6486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7362, 65.3536, 54.0550 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(230, 208, 183)` looks like.

```
.text, #text, p{  
    color:rgb(230, 208, 183)  
}
```

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(230, 208, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 208, 183) }
```

Border

The CSS property to change the border of an element to XYZ 63.7362, 65.3536, 54.0550 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(230, 208, 183) }
```


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

```
.border{ border-color:rgb(230, 208, 183) }
```

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

Here you see how a box with a 4 pixel rgb(230, 208, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 208, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 208, 183);  
box-shadow:4px 4px 4px 4px rgb(230, 208,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7362, 65.3536, 54.0550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 208, 183) }
```

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

```
.background{ background-color: rgb(230,  
208, 183) }
```

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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