

Converting Colors

XYZ(63.2843, 66.3782, 72.1381)

Have a look what the booklet for
XYZ(63.2843, 66.3782, 72.1381)
contains.

XYZ(63.5360, 66.6887, 72.4743)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(63.5360, 66.6887,
72.4743)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D5D5
RGB	214, 213, 213
RGB Percent	84%, 84%, 84%
CMY	0.1608, 0.1647, 0.1647
CMYK	0.00, 0.00, 0.00, 0.16
HSL	0°, 1%, 84%
HSV	0°, 0%, 84%
XYZ	63.5360, 66.6887, 72.4743
YIQ	213.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

Format	Color
RYB	214, 213, 213
Decimal	14079445
CIELab	85.35, 0.35, 0.11
CIELCh	85, 0.363, 17.832
Yxy	66.6887, 0.3134, 0.3290
Android (android.graphics.Color)	4292269525 (0xFFD6D5D5)
YUV	213.2990, -0.1474, 0.6148
Hunter-Lab	81.6631, -4.0330, 4.5456

Details

The XYZ color **63.5360, 66.6887, 72.4743** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6247, 67.0934, 73.2161**, and the grayscale version is **63.4482, 66.7525, 72.6934**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.6965, 34.2933, 37.2437** is the 20% darker color. If you saturate the color by 10%, you get **55.9820, 55.6441, 57.4277**, and if you desaturate by 10%, it is **72.1574, 79.2928, 89.6467**.

Distribution



- Red (84%)
- Green (84%)
- Blue (84%)



- Red (84%)
- Yellow (84%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5360, 66.6887, 72.4743 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 63.5360, 66.6887, 72.4743 by changing the saturation by 10% instead.

■ 63.5360, 66.6887,
72.4743

■ 63.5360, 66.6887,
72.4743

427.1409,
448.8359, 488.2126

■ 46.5352, 48.8317,
53.0570

109.0199,
114.4742, 124.4446

■ 32.8748, 34.4860,
37.4602

138.2338,
145.1715, 157.8347

■ 22.1893, 23.2672,
25.2655

172.2494,
180.9177, 196.7195

■ 14.1135, 14.7909,
16.0541

211.4321,
222.0972, 241.5175

■ 8.2819, 8.6728,
9.4077

256.1472,
269.0944, 292.6473

■ 4.3291, 4.5284,
4.9076

306.7602,

■ 1.8900, 1.9733,

322.2936, 350.5274

2.1354

363.6363,
382.0793, 415.5763

■ 0.5710, 0.5919,
0.6367

■ 0.0000, 0.0000,
0.0000

■ 63.5360, 66.6887,
72.4743

■ 63.5360, 66.6887,
72.4743

■ 55.9820, 55.6441,
57.4277

■ 72.1574, 79.2928,
89.6467

■ 49.4487, 46.0902,
44.4202

■ 81.5419, 93.0363,
108.2678

■ 43.8938, 37.9658,
33.3653

■ 39.2705, 31.2023,
24.1688

■ 35.5276, 25.7252,
16.7289

■ 32.6094, 21.4531,
10.9336

■ 30.4536, 18.2951,
6.6583

■ 28.9891, 16.1478,
3.7608

■ 28.1317, 14.8881,
2.0716

Harmonies

Analogous

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



63.5400, 66.6887, 72.7080



63.5360, 66.6887, 72.4743



63.4916, 66.6887, 72.2781

Triad

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



63.5360, 66.6887, 72.4743



63.2687, 66.6887, 72.3096



63.3523, 66.6887, 73.0555

Complementary

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



63.5360, 66.6887, 72.4743



63.6247, 67.0934, 73.2161

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.



63.2797, 66.6887, 72.9483



63.5360, 66.6887, 72.4743



63.2314, 66.6887, 72.5174

Square

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



63.5360, 66.6887, 72.4743



63.3373, 66.6887, 72.1831



63.2355, 66.6887, 72.7512



63.4340, 66.6887, 73.0439

Rectangle

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



63.5360, 66.6887, 72.4743



63.4452, 66.6887, 72.1948



63.2355, 66.6887, 72.7512



63.3261, 66.6887, 73.0321

Sweetspot

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



63.5379, 66.6916, 72.4758

95.0500, 100.0000, 108.9000



63.6643, 66.7407, 73.1459



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



63.5379, 66.6916, 72.4758



93.8369, 98.2264, 106.4836



63.6629, 66.9416, 72.5174



13.8359, 14.4881, 15.7108



16.7686, 8.6544, 0.7867



1.0127, 0.5246, 0.0479

Inverse Universe

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



63.6247, 67.0934, 73.2161



94.1151, 99.5137, 108.8554



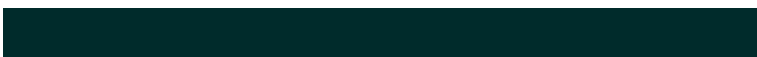
63.4993, 66.8426, 73.1743



13.8741, 14.6650, 16.0369



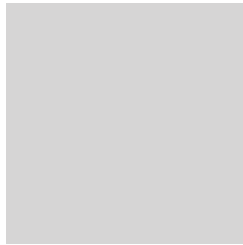
21.7557, 31.7732, 43.4393



1.3135, 1.9189, 2.6205

Previews

White Background



This preview shows how the XYZ color 63.5360, 66.6887, 72.4743 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 63.5360, 66.6887, 72.4743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

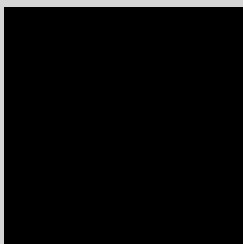
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

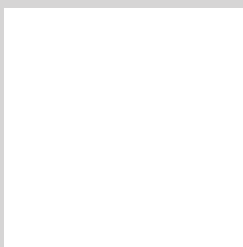
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.5360, 66.6887, 72.4743

Background



This preview shows how black text looks on a background with the XYZ color 63.5360, 66.6887, 72.4743.

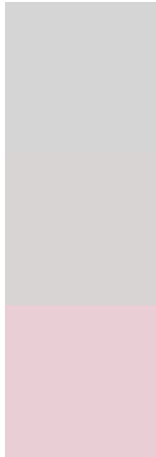


This preview shows how white text looks on a background with the XYZ color 63.5360, 66.6887,

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

63.5360, 66.6887, 72.4743

Protanopia

64.0424, 66.5921, 71.7655

Deuteranopia

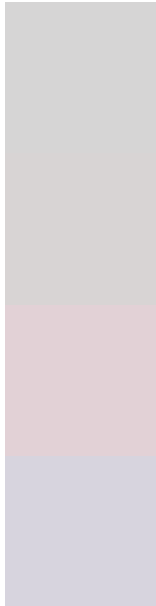
67.8132, 66.3213, 72.8455



Tritanopia

65.4783, 66.7335, 82.1028

Trichromacy



Original Color

63.5360, 66.6887, 72.4743

Protanomaly

63.7461, 66.4394, 71.7517

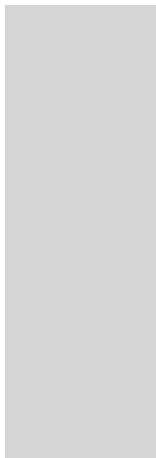
Deuteranomaly

66.3021, 66.6247, 72.9837

Tritanomaly

64.7526, 66.8080, 78.5896

Monochromacy



Original Color

63.5360, 66.6887, 72.4743

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.2451, 66.5387, 72.4607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5360, 66.6887, 72.4743 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(214, 213, 213) looks like.

```
.text, #text, p{  
    color:rgb(214, 213, 213)  
}
```

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(214, 213, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 213, 213) }
```

Border

The CSS property to change the border of an element to XYZ 63.5360, 66.6887, 72.4743 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(214, 213, 213) }
```

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

```
.border{ border-color:rgb(214, 213, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 213, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 213, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 213, 213);  
box-shadow:4px 4px 4px 4px rgb(214, 213,  
213) }
```


Background

The CSS property to change the background color of an element to XYZ 63.5360, 66.6887, 72.4743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 213, 213) }
```

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

```
.background{ background-color: rgb(214,  
213, 213) }
```

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