

Converting Colors

XYZ(36.4991, 42.6239, 65.7252)

Have a look what the booklet for
XYZ(36.4991, 42.6239, 65.7252)
contains.

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Color

**XYZ(36.6308, 42.7061,
65.9870)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7CB7D0 |
| RGB | 124, 183, 208 |
| RGB Percent | 49%, 72%, 82% |
| CMY | 0.5137, 0.2823, 0.1843 |
| CMYK | 0.40, 0.12, 0.00, 0.18 |
| HSL | 198°, 47%, 65% |
| HSV | 198°, 40%, 82% |
| XYZ | 36.6308, 42.7061, 65.9870 |
| YIQ | 168.2090, -43.1890, -4.7330 |

Conversions

Conversions Part 2

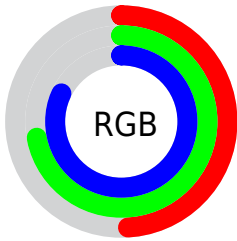
| Format | Color |
|-------------------------------------|--|
| RYB | 124, 159, 208 |
| Decimal | 8173520 |
| CIELab | 71.36, -12.67, -18.64 |
| CIELCh | 71, 22.535, 235.801 |
| Yxy | 42.7061, 0.2521, 0.2939 |
| Android (android.graphics.Color) | 4286363600 (0xFF7CB7D0) |
| YUV | 168.2090, 19.6170, -38.7713 |
| Hunter-Lab | 65.3499, -14.3071, -14.1231 |

Details

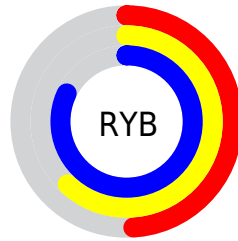
The XYZ color **36.6308, 42.7061, 65.9870** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.3988, 36.3608, 23.9590**, and the grayscale version is **37.2450, 39.1846, 42.6721**.

A 20% lighter version of the original color is **67.7389, 78.6563, 106.2197**, and **16.3412, 19.6004, 33.4938** is the 20% darker color. If you saturate the color by 10%, you get **32.6874, 38.8202, 65.4455**, and if you desaturate by 10%, it is **41.2670, 47.0345, 66.5789**.

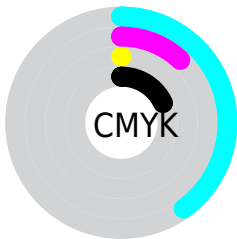
Distribution



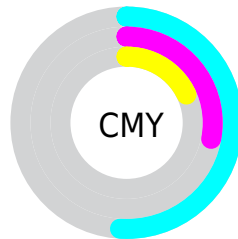
- Red (49%)
- Green (72%)
- Blue (82%)



- Red (49%)
- Yellow (62%)
- Blue (82%)



- Cyan (40%)
- Magenta (12%)
- Yellow (0%)
- Black (18%)



- Cyan (51%)
- Magenta (28%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6308, 42.7061, 65.9870 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 36.6308, 42.7061, 65.9870 by changing the saturation by 10% instead.

■ 36.6308, 42.7061,
65.9870

■ 36.6308, 42.7061,
65.9870

323.0927,
357.4017, 464.7333

■ 25.0941, 29.6546,
47.8054

■ 69.3221, 79.2672,
115.0945

■ 16.2763, 19.5766,
33.3139

■ 91.2075, 103.5455,
146.8575

■ 9.8120, 12.0876,
22.0940

■ 117.2731,
132.3349, 183.9848

■ 5.3358, 6.8034,
13.7270

147.8843,
166.0198, 226.8948

■ 2.4824, 3.3394,
7.7944

183.4066,
204.9845, 276.0061

■ 0.8864, 1.3114,
3.8778

224.2051,

■ 0.0000, 0.1500,

249.6135, 331.7373

1.5586

270.6454,
300.2911, 394.5068

■ 0.0000, 0.0000,
0.2610

■ 0.0000, 0.0000,
0.0000

■ 36.6308, 42.7061,
65.9870

■ 36.6308, 42.7061,
65.9870

■ 32.6874, 38.8202,
65.4455

■ 41.2670, 47.0345,
66.5789

■ 29.3919, 35.3496,
64.9493

■ 46.6294, 51.8207,
67.2201

■ 26.7001, 32.2715,
64.4971

■ 52.7539, 57.0852,
67.9134

■ 24.5602, 29.5580,
64.0861

■ 59.6728, 62.8457,
68.6606

■ 22.9106, 27.1763,
63.7133

■ 67.4165, 69.1187,
69.4633

■ 21.6795, 25.1425,
63.3857

■ 76.0136, 75.9201,
70.3230

■ 79.9127, 80.3890,
70.9801

■ 81.6299, 83.8232,
71.5524

■ 83.4084, 87.3803,
72.1453

Harmonies

Analogous

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



34.3767, 42.7061, 56.1885



36.6308, 42.7061, 65.9870



40.0595, 42.7061, 70.5762

Triad

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



36.6308, 42.7061, 65.9870



48.3016, 42.7061, 48.0448



37.5008, 42.7061, 30.1260

Complementary

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



36.6308, 42.7061, 65.9870



40.3988, 36.3608, 23.9590

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.



41.1269, 42.7061, 28.6354



36.6308, 42.7061, 65.9870



47.5121, 42.7061, 37.9941

Square

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



36.6308, 42.7061, 65.9870



46.9219, 42.7061, 59.2455



44.8265, 42.7061, 31.2849



34.8566, 42.7061, 35.7271

Rectangle

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



36.6308, 42.7061, 65.9870



42.6078, 42.7061, 69.6130



44.8265, 42.7061, 31.2849



38.6386, 42.7061, 29.1690

Sweetspot

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



36.6321, 42.7078, 65.9880



81.8379, 88.9779, 107.4689



36.1986, 51.5296, 35.9736



17.2330, 18.8032, 22.9711



0.0000, 0.0000, 0.0000



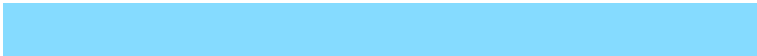
20.3446, 21.4041, 23.3091

Same Dimension

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



36.6321, 42.7078, 65.9880



52.8802, 62.6147, 103.9065



29.4012, 28.2459, 63.5777



11.8489, 12.7882, 15.0875



13.5995, 15.8455, 39.5342



0.8278, 1.0208, 2.2330

Inverse Universe

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



41.7684, 31.2453, 48.6310



62.3029, 43.0178, 71.7432



48.0216, 51.6065, 26.5000



12.1546, 11.9466, 14.0902



19.4951, 9.6709, 18.0452



1.1241, 0.5543, 1.1881

Previews

White Background



This preview shows how the XYZ color 36.6308, 42.7061, 65.9870 looks on a white background.

Color Contrast Check

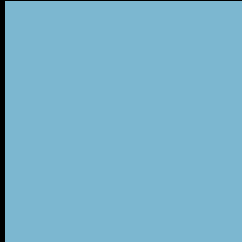
Large Text (above 18pt) WCAG AA × Fail

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 36.6308, 42.7061, 65.9870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

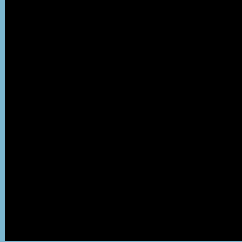
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.6308, 42.7061, 65.9870

Background



This preview shows how black text looks on a background with the XYZ color 36.6308, 42.7061, 65.9870.



This preview shows how white text looks on a background with the XYZ color 36.6308, 42.7061,

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

36.6308, 42.7061, 65.9870

Protanopia

41.8484, 42.5392, 61.2636

Deuteranopia

43.3662, 42.3368, 67.5142



Tritanopia

35.4753, 42.5421, 60.3745

Trichromacy



Original Color

36.6308, 42.7061, 65.9870

Protanomaly

39.7581, 42.5762, 63.2493

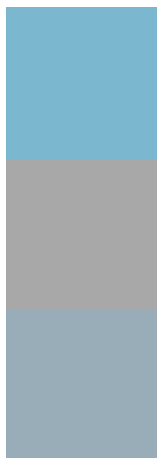
Deuteranomaly

40.4804, 42.2816, 67.0004

Tritanomaly

35.9695, 42.7562, 62.2341

Monochromacy



Original Color

36.6308, 42.7061, 65.9870

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.4397, 39.9814, 50.5964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6308, 42.7061, 65.9870 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(124, 183, 208)` looks like.

```
.text, #text, p{  
    color:rgb(124, 183, 208)  
}
```

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(124, 183, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 183, 208) }
```

Border

The CSS property to change the border of an element to XYZ 36.6308, 42.7061, 65.9870 is called "border". The border property can be set on classes, ids or directly on the HTML element.

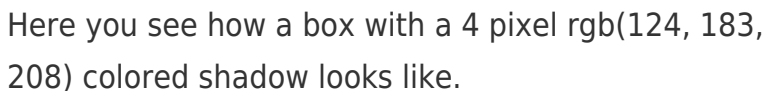
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(124, 183, 208) }
```


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

```
.border{ border-color:rgb(124, 183, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(124, 183, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 183, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 183, 208); box-shadow:4px 4px 4px 4px rgb(124, 183, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6308, 42.7061, 65.9870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 183, 208) }
```

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

```
.background{ background-color: rgb(124,  
183, 208) }
```

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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