

Converting Colors

XYZ(36.5426, 42.2077, 61.5710)

Have a look what the booklet for
XYZ(36.5426, 42.2077, 61.5710)
contains.

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Color

**XYZ(36.4266, 42.0901,
61.4627)**

Conversions

Conversions Part 1

Format	Color
Hex	83B5C9
RGB	131, 181, 201
RGB Percent	51%, 71%, 79%
CMY	0.4863, 0.2902, 0.2118
CMYK	0.35, 0.10, 0.00, 0.21
HSL	197°, 39%, 65%
HSV	197°, 35%, 79%
XYZ	36.4266, 42.0901, 61.4627
YIQ	168.3300, -36.2200, -4.3800

Conversions

Conversions Part 2

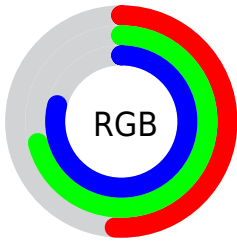
Format	Color
R_{YB}	131, 160, 201
Decimal	8631753
CIE _{Lab}	70.93, -11.52, -15.41
CIE _{LCh}	71, 19.239, 233.201
Yxy	42.0901, 0.2602, 0.3007
Android (android.graphics.Color)	4286821833 (0xFF83B5C9)
YUV	168.3300, 16.1063, -32.7384
Hunter-Lab	64.8769, -13.3117, -10.7560

Details

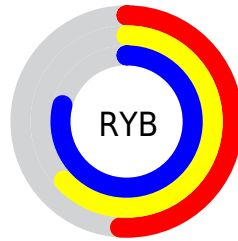
The XYZ color **36.4266, 42.0901, 61.4627** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.2515, 36.1901, 26.3905**, and the grayscale version is **37.3187, 39.2622, 42.7565**.

A 20% lighter version of the original color is **68.5839, 78.2275, 106.0924**, and **16.1275, 19.1646, 30.4529** is the 20% darker color. If you saturate the color by 10%, you get **32.4669, 38.3519, 60.9506**, and if you desaturate by 10%, it is **41.0409, 46.2392, 62.0211**.

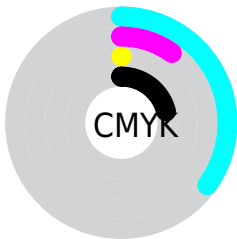
Distribution



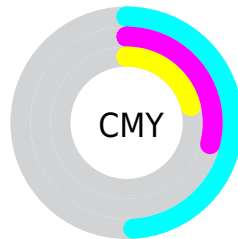
- Red (51%)
- Green (71%)
- Blue (79%)



- Red (51%)
- Yellow (63%)
- Blue (79%)



- Cyan (35%)
- Magenta (10%)
- Yellow (0%)
- Black (21%)



- Cyan (49%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4266, 42.0901, 61.4627 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 36.4266, 42.0901, 61.4627 by changing the saturation by 10% instead.

■ 36.4266, 42.0901,
61.4627

■ 36.4266, 42.0901,
61.4627

322.2201,
354.8563, 447.9219

■ 24.9355, 29.1718,
44.1657

■ 69.0096, 78.3360,
108.5127

■ 16.1575, 19.2109,
30.4627

■ 90.8322, 102.4324,
139.1027

■ 9.7272, 11.8227,
19.9350

■ 116.8293,
131.0236, 174.9608

■ 5.2793, 6.6231,
12.1642

147.3662,
164.4941, 216.5056

■ 2.4485, 3.2275,
6.7317

182.8085,
203.2282, 264.1556

■ 0.8694, 1.2516,
3.2190

223.5213,

■ 0.0000, 0.1033,

247.6104, 318.3293

1.2075

269.8700,
298.0249, 379.4452

■ 0.0000, 0.0000,
0.0000

■ 36.4266, 42.0901,
61.4627

■ 36.4266, 42.0901,
61.4627

■ 32.4669, 38.3519,
60.9506

■ 41.0409, 46.2392,
62.0211

■ 29.1224, 35.0004,
60.4800

■ 46.3388, 50.8120,
62.6245

■ 26.3549, 32.0163,
60.0498

■ 52.3519, 55.8266,
63.2755

■ 24.1206, 29.3758,
59.6579

■ 59.1091, 61.2987,
63.9756

■ 22.3685, 27.0518,
59.3017

■ 66.6371, 67.2429,
64.7261

■ 21.0366, 25.0115,
58.9781

■ 74.9617, 73.6732,
65.5286

■ 20.4520, 24.0356,
58.8205

■ 77.6922, 77.2960,
66.0839

■ 79.2363, 80.3841,
66.5986

■ 80.8327, 83.5771,
67.1308

Harmonies

Analogous

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



34.6047, 42.0901, 53.1391



36.4266, 42.0901, 61.4627



39.2803, 42.0901, 65.6812

Triad

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



36.4266, 42.0901, 61.4627



46.4414, 42.0901, 47.9500



37.6265, 42.0901, 31.4468

Complementary

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



36.4266, 42.0901, 61.4627



39.2515, 36.1901, 26.3905

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.



40.7393, 42.0901, 30.4438



36.4266, 42.0901, 61.4627



45.9406, 42.0901, 39.2220

Square

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



36.4266, 42.0901, 61.4627



45.1453, 42.0901, 57.2337



43.8112, 42.0901, 33.1002



35.2712, 42.0901, 36.0498

Rectangle

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



36.4266, 42.0901, 61.4627



41.4292, 42.0901, 65.2470



43.8112, 42.0901, 33.1002



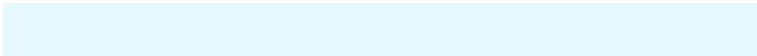
38.6145, 42.0901, 30.7052

Sweetspot

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



36.4279, 42.0918, 61.4637



84.0027, 90.9200, 107.7296



35.8201, 48.8285, 36.7453



17.6700, 19.2012, 23.0248



0.0000, 0.0000, 0.0000



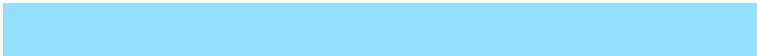
20.3446, 21.4041, 23.3091

Same Dimension

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



36.4279, 42.0918, 61.4637



57.0086, 67.0344, 104.5420



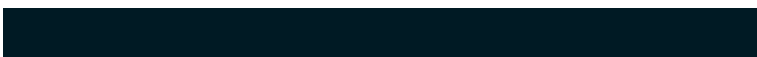
30.2084, 29.6527, 59.3905



10.6808, 11.5357, 13.5812



12.9407, 15.2752, 37.0107



0.6723, 0.8424, 1.7723

Inverse Universe

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



40.5453, 31.9875, 47.7551



65.3234, 47.8121, 76.5931



45.7089, 49.1048, 28.5430



10.9489, 10.7630, 12.7142



18.3312, 9.0820, 17.4857



0.8980, 0.4421, 0.9863

Previews

White Background



This preview shows how the XYZ color 36.4266, 42.0901, 61.4627 looks on a white background.

Color Contrast Check

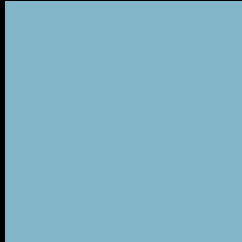
Large Text (above 18pt) WCAG AA × Fail

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 36.4266, 42.0901, 61.4627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

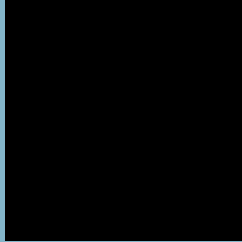
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.4266, 42.0901, 61.4627

Background



This preview shows how black text looks on a background with the XYZ color 36.4266, 42.0901, 61.4627.



This preview shows how white text looks on a background with the XYZ color 36.4266, 42.0901,

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

36.4266, 42.0901, 61.4627

Protanopia

41.1804, 41.9912, 57.5644

Deuteranopia

42.7662, 41.8495, 62.9505



Tritanopia

35.8977, 42.1872, 58.4755

Trichromacy



Original Color

36.4266, 42.0901, 61.4627

Protanomaly

39.1183, 41.7591, 58.8219

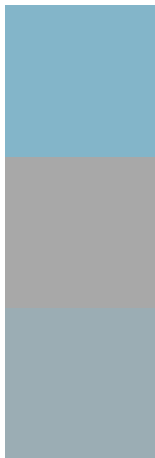
Deuteranomaly

40.0211, 41.5699, 62.4144

Tritanomaly

36.1269, 42.2789, 59.6826

Monochromacy



Original Color

36.4266, 42.0901, 61.4627

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.6994, 40.1510, 48.9957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4266, 42.0901, 61.4627 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(131, 181, 201)` looks like.

```
.text, #text, p{  
    color:rgb(131, 181, 201)  
}
```

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(131, 181, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 181, 201) }
```

Border

The CSS property to change the border of an element to XYZ 36.4266, 42.0901, 61.4627 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(131, 181, 201) }
```


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

```
.border{ border-color:rgb(131, 181, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 181, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 181, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 181, 201);  
box-shadow:4px 4px 4px 4px rgb(131, 181,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4266, 42.0901, 61.4627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 181, 201) }
```

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

```
.background{ background-color: rgb(131,  
181, 201) }
```

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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