

Converting Colors

XYZ(32.5761, 37.5601, 69.8229)

Have a look what the booklet for XYZ(32.5761, 37.5601, 69.8229) contains.

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Color

**XYZ(32.5761, 37.5601,
69.8229)**

Conversions

Conversions Part 1

Format	Color
Hex	65ADD7
RGB	101, 173, 215
RGB Percent	40%, 68%, 84%
CMY	0.6039, 0.3216, 0.1569
CMYK	0.53, 0.20, 0.00, 0.16
HSL	202°, 59%, 62%
HSV	202°, 53%, 84%
XYZ	32.5761, 37.5601, 69.8229
YIQ	156.2600, -56.3940, -2.2020

Conversions

Conversions Part 2

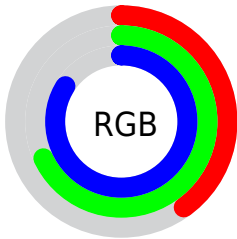
Format	Color
RYB	101, 145, 215
Decimal	6663639
CIELab	67.70, -10.84, -28.17
CIELCh	68, 30.182, 248.943
Yxy	37.5601, 0.2328, 0.2684
Android (android.graphics.Color)	4284853719 (0xFF65ADD7)
YUV	156.2600, 28.9588, -48.4630
Hunter-Lab	61.2863, -12.3712, -24.6481

Details

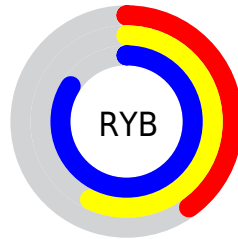
The XYZ color **32.5761, 37.5601, 69.8229** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **40.1969, 35.0329, 16.9566**, and the grayscale version is **31.6099, 33.2560, 36.2158**.

A 20% lighter version of the original color is **60.0915, 70.0777, 104.9669**, and **13.9819, 16.6249, 35.7297** is the 20% darker color. If you saturate the color by 10%, you get **29.0023, 33.5300, 69.2341**, and if you desaturate by 10%, it is **36.8720, 42.0976, 70.4730**.

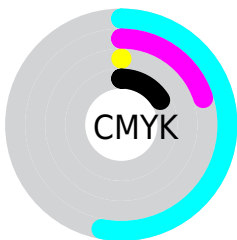
Distribution



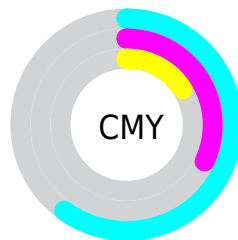
- Red (40%)
- Green (68%)
- Blue (84%)



- Red (40%)
- Yellow (57%)
- Blue (84%)



- Cyan (53%)
- Magenta (20%)
- Yellow (0%)
- Black (16%)



- Cyan (60%)
- Magenta (32%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5761, 37.5601, 69.8229 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 32.5761, 37.5601, 69.8229 by changing the saturation by 10% instead.

■ 32.5761, 37.5601,
69.8229

■ 32.5761, 37.5601,
69.8229

305.4341,
335.7291, 478.7002

■ 21.9596, 25.6414,
50.9063

■ 63.0723, 71.4334,
120.6349

■ 13.9436, 16.5556,
35.7578

■ 83.6826, 94.1568,
153.3674

■ 8.1629, 9.9182,
23.9590

■ 108.3550,
121.2506, 191.5421

■ 4.2521, 5.3447,
15.0913

■ 137.4547,
153.0992, 235.5778

■ 1.8457, 2.4509,
8.7361

171.3471,
190.0869, 285.8929

■ 0.5450, 0.8519,
4.4750

210.3976,

■ 0.0000, 0.0000,

232.5982, 342.9060

1.8894

254.9715,
281.0175, 407.0356

■ 0.0000, 0.0000,
0.4860

■ 0.0000, 0.0000,
0.0000

■ 32.5761, 37.5601,
69.8229

■ 32.5761, 37.5601,
69.8229

■ 29.0023, 33.5300,
69.2341

■ 36.8720, 42.0976,
70.4730

■ 26.0952, 29.9743,
68.7010

■ 41.9326, 47.1646,
71.1843

■ 23.7965, 26.8613,
68.2213

■ 47.8014, 52.7862,
71.9601

■ 22.0348, 24.1517,
67.7911

■ 54.5173, 58.9849,
72.8026

■ 21.0405, 22.4556,
67.5161

■ 62.1165, 65.7812,
73.7139

■ 70.6331, 73.1949,
74.6960

■ 80.0995, 81.2445,
75.7508

■ 83.6084, 86.3713,
76.5554

■ 85.9446, 91.0438,
77.3342

Harmonies

Analogous

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



29.1743, 37.5601, 59.2392



32.5761, 37.5601, 69.8229



37.1108, 37.5601, 71.8445

Triad

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



32.5761, 37.5601, 69.8229



45.3028, 37.5601, 37.0359



30.3588, 37.5601, 24.0085

Complementary

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



32.5761, 37.5601, 69.8229



40.1969, 35.0329, 16.9566

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.



34.3250, 37.5601, 20.4239



32.5761, 37.5601, 69.8229



43.1321, 37.5601, 26.7948

Square

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



32.5761, 37.5601, 69.8229



44.7315, 37.5601, 50.8271



39.0170, 37.5601, 21.3190



27.9737, 37.5601, 32.3518

Rectangle

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



32.5761, 37.5601, 69.8229



40.2138, 37.5601, 67.7142



39.0170, 37.5601, 21.3190



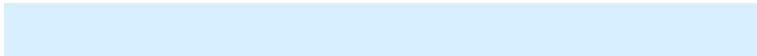
31.5368, 37.5601, 22.2996

Sweetspot

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



32.5773, 37.5615, 69.8238



76.9908, 83.8478, 106.7341



34.6112, 53.3457, 34.3812



16.0349, 17.5379, 22.7900



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.



32.5773, 37.5615, 69.8238



41.9305, 48.4587, 101.7512



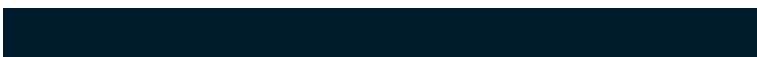
23.9023, 20.2113, 66.9321



12.3897, 13.3029, 15.8522



12.6890, 13.6397, 40.4171



0.8432, 0.9784, 2.4637

Inverse Universe

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



40.2219, 26.7728, 42.5842



54.8859, 32.8141, 54.9959



50.9822, 56.6037, 20.5518



12.7499, 12.5515, 14.6233



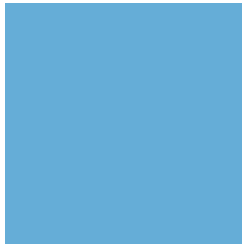
19.4637, 9.7218, 15.0116



1.2132, 0.6021, 1.1123

Previews

White Background



This preview shows how the XYZ color 32.5761, 37.5601, 69.8229 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 32.5761, 37.5601, 69.8229 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 32.5761, 37.5601, 69.8229

Background



This preview shows how black text looks on a background with the XYZ color 32.5761, 37.5601, 69.8229.



This preview shows how white text looks on a background with the XYZ color 32.5761, 37.5601,

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

32.5761, 37.5601, 69.8229

Protanopia

37.3197, 37.1180, 64.2290

Deuteranopia

38.3377, 37.4819, 71.5438



Tritanopia

29.6403, 37.5330, 54.9726

Trichromacy



Original Color

32.5761, 37.5601, 69.8229

Protanomaly

35.1006, 36.9939, 66.2633

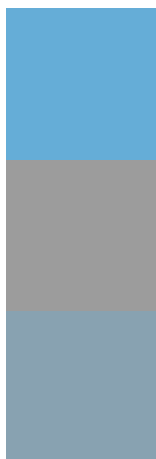
Deuteranomaly

35.8335, 37.2687, 70.9506

Tritanomaly

30.7745, 37.7076, 60.2999

Monochromacy



Original Color

32.5761, 37.5601, 69.8229

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.0095, 34.2492, 46.5714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5761, 37.5601, 69.8229 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(101, 173, 215)` looks like.

```
.text, #text, p{  
    color:rgb(101, 173, 215)  
}
```

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(101, 173, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 173, 215) }
```

Border

The CSS property to change the border of an element to XYZ 32.5761, 37.5601, 69.8229 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(101, 173, 215) }
```


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

```
.border{ border-color:rgb(101, 173, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 173, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 173, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 173, 215);  
box-shadow:4px 4px 4px 4px rgb(101, 173,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5761, 37.5601, 69.8229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 173, 215) }
```

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

```
.background{ background-color: rgb(101,  
173, 215) }
```

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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