

Converting Colors

XYZ(37.5966, 37.0029, 62.6171)

Have a look what the booklet for
XYZ(37.5966, 37.0029, 62.6171)
contains.

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Color

**XYZ(37.6689, 37.0656,
62.9266)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA1CD
RGB	157, 161, 205
RGB Percent	62%, 63%, 80%
CMY	0.3843, 0.3686, 0.1961
CMYK	0.23, 0.21, 0.00, 0.20
HSL	235°, 32%, 71%
HSV	235°, 23%, 80%
XYZ	37.6689, 37.0656, 62.9266
YIQ	164.8200, -16.5080, 12.8360

Conversions

Conversions Part 2

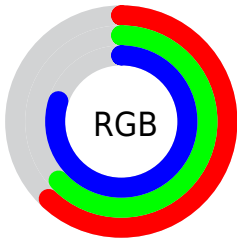
Format	Color
R_{YB}	157, 161, 205
Decimal	10330573
CIE _{Lab}	67.33, 8.10, -22.93
CIE _{LCh}	67, 24.317, 289.469
Yxy	37.0656, 0.2736, 0.2693
Android (android.graphics.Color)	4288520653 (0xFF9DA1CD)
YUV	164.8200, 19.8087, -6.8581
Hunter-Lab	60.8815, 3.8997, -18.6645

Details

The XYZ color **37.6689, 37.0656, 62.9266** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.1497, 57.1868, 40.1888**, and the grayscale version is **35.5927, 37.4463, 40.7790**.

A 20% lighter version of the original color is **69.7572, 70.3288, 104.5060**, and **16.9875, 16.3895, 31.5463** is the 20% darker color. If you saturate the color by 10%, you get **30.9593, 29.0934, 61.7421**, and if you desaturate by 10%, it is **45.5455, 46.3737, 64.3087**.

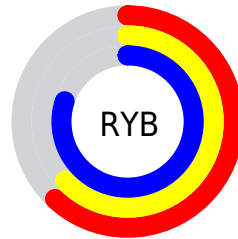
Distribution



Red (62%)

Green (63%)

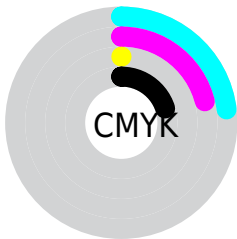
Blue (80%)



Red (62%)

Yellow (63%)

Blue (80%)

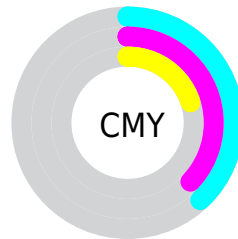


Cyan (23%)

Magenta (21%)

Yellow (0%)

Black (20%)



Cyan (38%)

Magenta (37%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6689, 37.0656, 62.9266 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 37.6689, 37.0656, 62.9266 by changing the saturation by 10% instead.

■ 37.6689, 37.0656,
62.9266

■ 37.6689, 37.0656,
62.9266

327.5030,
333.5944, 453.4037

■ 25.9019, 25.2583,
45.3412

■ 70.9075, 70.6737,
110.6482

■ 16.8825, 16.2696,
31.3814

■ 93.1098, 93.2432,
141.6214

■ 10.2456, 9.7151,
20.6285

119.5213,
120.1689, 177.8944

■ 5.6256, 5.2105,
12.6641

150.5072,
151.8353, 219.8856

■ 2.6573, 2.3713,
7.0697

186.4330,
188.6266, 268.0136

■ 0.9752, 0.8111,
3.4266

227.6640,

■ 0.0000, 0.0000,

230.9273, 322.6969

1.3164

274.5655,
279.1218, 384.3541

■ 0.0000, 0.0000,
0.0752

■ 0.0000, 0.0000,
0.0000

■ 37.6689, 37.0656,
62.9266

■ 37.6689, 37.0656,
62.9266

■ 30.9593, 29.0934,
61.7421

■ 45.5455, 46.3737,
64.3087

■ 25.3576, 22.3916,
60.7437

■ 54.6371, 57.0704,
65.8942

■ 20.8052, 16.8956,
59.9228

■ 64.9936, 69.2111,
67.6918

■ 17.2363, 12.5336,
59.2690

■ 76.6609, 82.8468,
69.7088

■ 14.5779, 9.2260,
58.7707

■ 88.0066, 97.1618,
71.8739

■ 12.7468, 6.8829,
58.4149

■ 88.0196, 97.1878,
71.8782

■ 11.6439, 5.3990,
58.1866

■ 11.2214, 4.8115,
58.0955

Harmonies

Analogous

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



33.9381, 37.0656, 64.0446



37.6689, 37.0656, 62.9266



40.9530, 37.0656, 55.1942

Triad

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



37.6689, 37.0656, 62.9266



40.0874, 37.0656, 26.7002



28.6526, 37.0656, 36.7274

Complementary

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



37.6689, 37.0656, 62.9266



52.1497, 57.1868, 40.1888

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.



30.0662, 37.0656, 28.4518



37.6689, 37.0656, 62.9266



36.5538, 37.0656, 23.3772

Square

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



37.6689, 37.0656, 62.9266



42.4159, 37.0656, 33.9059



32.8982, 37.0656, 23.9563



28.9048, 37.0656, 47.5810

Rectangle

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



37.6689, 37.0656, 62.9266



42.3646, 37.0656, 47.9803



32.8982, 37.0656, 23.9563



28.9446, 37.0656, 33.5892

Sweetspot

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



37.6701, 37.0671, 62.9274



83.7858, 86.7716, 106.9404



46.1855, 55.0110, 62.9508



17.7361, 18.3404, 22.8552



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.



37.6701, 37.0671, 62.9274



56.0381, 53.9942, 102.0761



41.0270, 37.7761, 62.8874



10.6757, 10.9918, 14.1293



7.0146, 3.0532, 36.1759



0.3885, 0.2108, 1.8751

Inverse Universe

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



43.6678, 39.6673, 39.0748



67.5429, 59.0732, 56.3013



48.1190, 56.5117, 40.2710



11.2497, 11.2286, 11.8493



15.7516, 8.1112, 1.1444



0.8260, 0.4238, 0.1298

Previews

White Background



This preview shows how the XYZ color 37.6689, 37.0656, 62.9266 looks on a white background.

Color Contrast Check

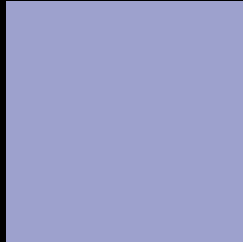
Large Text (above 18pt) WCAG AA × Fail

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 37.6689, 37.0656, 62.9266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

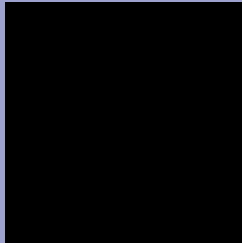
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.6689, 37.0656, 62.9266

Background



This preview shows how black text looks on a background with the XYZ color 37.6689, 37.0656, 62.9266.



This preview shows how white text looks on a background with the XYZ color 37.6689, 37.0656,

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

37.6689, 37.0656, 62.9266

Protanopia

37.1978, 37.0692, 63.5871

Deuteranopia

37.8649, 37.1666, 62.9358



Tritanopia

34.7218, 37.2025, 47.9986

Trichromacy



Original Color

37.6689, 37.0656, 62.9266

Protanomaly

37.3873, 37.1669, 63.5959

Deuteranomaly

37.8649, 37.1666, 62.9358

Tritanomaly

35.6790, 37.0518, 52.8482

Monochromacy



Original Color

37.6689, 37.0656, 62.9266

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.4140, 37.5276, 48.5043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6689, 37.0656, 62.9266 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(157, 161, 205)` looks like.

```
.text, #text, p{  
    color:rgb(157, 161, 205)  
}
```

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(157, 161, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 161, 205) }
```

Border

The CSS property to change the border of an element to XYZ 37.6689, 37.0656, 62.9266 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(157, 161, 205) }
```


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

```
.border{ border-color:rgb(157, 161, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 161, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 161, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 161, 205);  
box-shadow:4px 4px 4px 4px rgb(157, 161,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6689, 37.0656, 62.9266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 161, 205) }
```

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

```
.background{ background-color: rgb(157,  
161, 205) }
```

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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