

Converting Colors

XYZ(35.2691, 40.3231, 73.6344)

Have a look what the booklet for
XYZ(35.2691, 40.3231, 73.6344)
contains.

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Color

**XYZ(35.2691, 40.3231,
73.6344)**

Conversions

Conversions Part 1

Format	Color
Hex	6EB2DC
RGB	110, 178, 220
RGB Percent	43%, 70%, 86%
CMY	0.5686, 0.3019, 0.1373
CMYK	0.50, 0.19, 0.00, 0.14
HSL	203°, 61%, 65%
HSV	203°, 50%, 86%
XYZ	35.2691, 40.3231, 73.6344
YIQ	162.4560, -54.0100, -1.3540

Conversions

Conversions Part 2

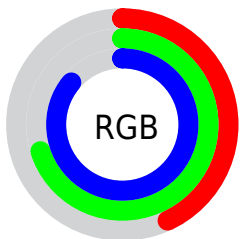
Format	Color
RYB	110, 152, 220
Decimal	7254748
CIELab	69.70, -10.09, -27.79
CIElCh	70, 29.570, 250.041
Yxy	40.3231, 0.2363, 0.2702
Android (android.graphics.Color)	4285444828 (0xFF6EB2DC)
YUV	162.4560, 28.3692, -46.0039
Hunter-Lab	63.5005, -11.9843, -24.3017

Details

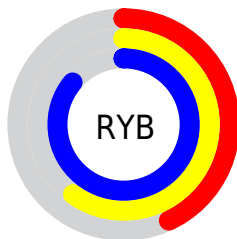
The XYZ color **35.2691, 40.3231, 73.6344** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **43.5591, 38.7994, 19.9466**, and the grayscale version is **34.4469, 36.2408, 39.4662**.

A 20% lighter version of the original color is **63.4092, 74.2811, 105.6034**, and **15.4405, 18.0620, 38.2698** is the 20% darker color. If you saturate the color by 10%, you get **31.2438, 35.8431, 72.9826**, and if you desaturate by 10%, it is **40.0789, 45.3611, 74.3541**.

Distribution



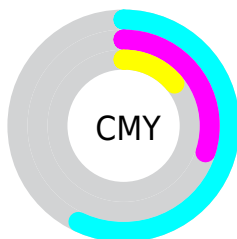
- Red (43%)
- Green (70%)
- Blue (86%)



- Red (43%)
- Yellow (60%)
- Blue (86%)



- Cyan (50%)
- Magenta (19%)
- Yellow (0%)
- Black (14%)



- Cyan (57%)
- Magenta (30%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2691, 40.3231, 73.6344 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 35.2691, 40.3231, 73.6344 by changing the saturation by 10% instead.

■ 35.2691, 40.3231,
73.6344

■ 35.2691, 40.3231,
73.6344

317.2418,
347.4835, 492.3402

■ 24.0377, 27.7906,
53.9999

■ 67.2337, 75.6553,
126.1067

■ 15.4865, 18.1678,
38.2084

■ 88.6977, 99.2237,
159.7815

■ 9.2501, 11.0705,
25.8414

■ 114.3032,
127.2395, 198.9735

■ 4.9631, 6.1143,
16.4803

144.4156,
160.0871, 244.1012

■ 2.2601, 2.9147,
9.7066

179.4004,
198.1509, 295.5832

■ 0.7741, 1.0874,
5.1018

219.6227,

■ 0.0000, 0.0000,

241.8153, 353.8380

2.2474

265.4481,
291.4647, 419.2842

■ 0.0000, 0.0000,
0.7015

■ 0.0000, 0.0000,
0.0000

■ 35.2691, 40.3231,
73.6344

■ 35.2691, 40.3231,
73.6344

■ 31.2438, 35.8431,
72.9826

■ 40.0789, 45.3611,
74.3541

■ 27.9459, 31.8864,
72.3927

■ 45.7169, 50.9799,
75.1415

■ 25.3163, 28.4209,
71.8624

■ 52.2281, 57.2059,
76.0000

■ 23.2838, 25.4067,
71.3877

■ 59.6530, 64.0626,
76.9322

■ 21.7230, 22.7765,
70.9623

■ 68.0294, 71.5719,
77.9401

■ 21.7227, 22.7759,
70.9622

■ 77.3928, 79.7544,
79.0260

■ 84.3856, 86.8817,
80.0331

■ 86.8723, 91.8551,
80.8620

■ 89.4744, 97.0593,
81.7294

Harmonies

Analogous

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



31.7024, 40.3231, 63.1401



35.2691, 40.3231, 73.6344



39.9531, 40.3231, 75.3121

Triad

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



35.2691, 40.3231, 73.6344



48.1222, 40.3231, 39.4678



32.7043, 40.3231, 26.6583

Complementary

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



35.2691, 40.3231, 73.6344



43.5591, 38.7994, 19.9466

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.



36.7435, 40.3231, 22.7279



35.2691, 40.3231, 73.6344



45.8131, 40.3231, 29.0366

Square

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



35.2691, 40.3231, 73.6344



47.6444, 40.3231, 53.5318



41.5544, 40.3231, 23.4969



30.3093, 40.3231, 35.5076

Rectangle

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



35.2691, 40.3231, 73.6344



43.1207, 40.3231, 70.9055



41.5544, 40.3231, 23.4969



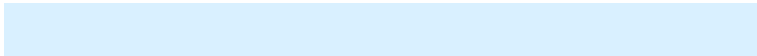
33.9004, 40.3231, 24.8110

Sweetspot

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



35.2704, 40.3246, 73.6354



77.8677, 84.4867, 106.8112



37.5568, 56.7152, 37.9644



16.2020, 17.6527, 22.8033



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.



35.2704, 40.3246, 73.6354



43.4009, 49.7877, 101.9303



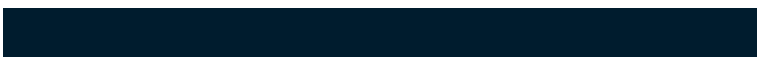
26.6416, 23.0669, 70.7591



13.0056, 13.9509, 16.6595



12.8594, 13.5883, 41.6834



0.9154, 1.0449, 2.7279

Inverse Universe

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



43.1282, 29.5833, 45.5580



56.0216, 34.7748, 56.3321



54.2418, 60.1648, 23.5075



13.3927, 13.1862, 15.3291



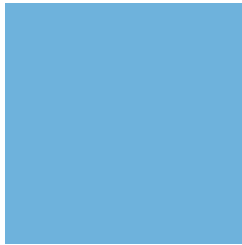
19.9862, 9.9955, 14.8391



1.3363, 0.6642, 1.1800

Previews

White Background



This preview shows how the XYZ color 35.2691, 40.3231, 73.6344 looks on a white background.

Color Contrast Check

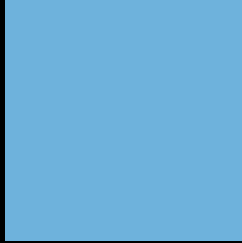
Large Text (above 18pt) WCAG AA × Fail

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 35.2691, 40.3231, 73.6344 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 35.2691, 40.3231, 73.6344

Background



This preview shows how black text looks on a background with the XYZ color 35.2691, 40.3231, 73.6344.



This preview shows how white text looks on a background with the XYZ color 35.2691, 40.3231,

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

35.2691, 40.3231, 73.6344

Protanopia

40.3109, 40.1803, 68.5817

Deuteranopia

40.9082, 40.0795, 74.6873



Tritanopia

32.2855, 40.3119, 58.9027

Trichromacy



Original Color

35.2691, 40.3231, 73.6344

Protanomaly

38.1317, 40.1256, 70.7010

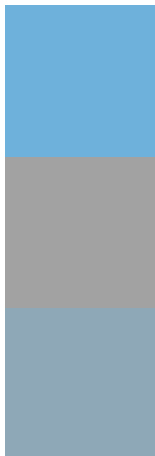
Deuteranomaly

38.4293, 39.9217, 74.0868

Tritanomaly

33.3690, 40.4588, 63.8082

Monochromacy



Original Color

35.2691, 40.3231, 73.6344

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.8776, 37.2638, 50.2068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2691, 40.3231, 73.6344 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(110, 178, 220)` looks like.

```
.text, #text, p{  
    color:rgb(110, 178, 220)  
}
```

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(110, 178, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 178, 220) }
```

Border

The CSS property to change the border of an element to XYZ 35.2691, 40.3231, 73.6344 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(110, 178, 220) }
```


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

```
.border{ border-color:rgb(110, 178, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 178, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 178, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 178, 220);  
box-shadow:4px 4px 4px 4px rgb(110, 178,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2691, 40.3231, 73.6344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 178, 220) }
```

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

```
.background{ background-color: rgb(110,  
178, 220) }
```

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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