

Converting Colors

XYZ(34.1455, 36.1268, 72.1918)

Have a look what the booklet for
XYZ(34.1455, 36.1268, 72.1918)
contains.

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Color

**XYZ(34.1265, 36.0897,
72.1852)**

Conversions

Conversions Part 1

Format	Color
Hex	79A5DB
RGB	121, 165, 219
RGB Percent	47%, 65%, 86%
CMY	0.5255, 0.3529, 0.1412
CMYK	0.45, 0.25, 0.00, 0.14
HSL	213°, 58%, 67%
HSV	213°, 45%, 86%
XYZ	34.1265, 36.0897, 72.1852
YIQ	158.0000, -43.5580, 7.4660

Conversions

Conversions Part 2

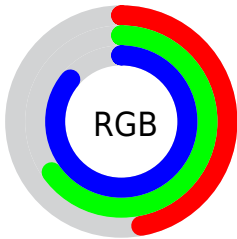
Format	Color
RYB	121, 151, 219
Decimal	7972315
CIELab	66.59, -0.61, -32.00
CIELCh	67, 32.004, 268.910
Yxy	36.0897, 0.2397, 0.2534
Android (android.graphics.Color)	4286162395 (0xFF79A5DB)
YUV	158.0000, 30.0730, -32.4490
Hunter-Lab	60.0747, -3.7306, -29.1900

Details

The XYZ color **34.1265, 36.0897, 72.1852** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **47.9957, 47.1019, 24.6525**, and the grayscale version is **32.3826, 34.0690, 37.1012**.

A 20% lighter version of the original color is **61.7747, 67.7535, 104.4296**, and **14.7859, 15.6144, 37.3565** is the 20% darker color. If you saturate the color by 10%, you get **29.3240, 30.5343, 71.3667**, and if you desaturate by 10%, it is **39.8335, 42.4177, 73.1065**.

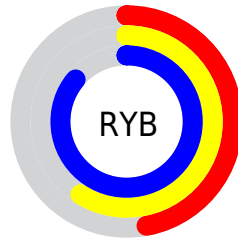
Distribution



Red (47%)

Green (65%)

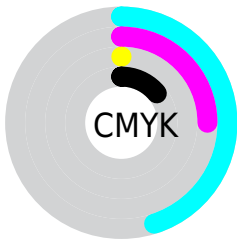
Blue (86%)



Red (47%)

Yellow (59%)

Blue (86%)

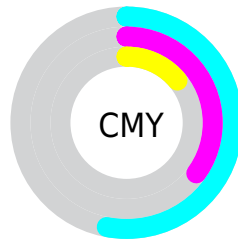


Cyan (45%)

Magenta (25%)

Yellow (0%)

Black (14%)



Cyan (53%)

Magenta (35%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1265, 36.0897, 72.1852 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 34.1265, 36.0897, 72.1852 by changing the saturation by 10% instead.

■ 34.1265, 36.0897,
72.1852

■ 34.1265, 36.0897,
72.1852

312.2717,
329.3524, 487.1808

■ 23.1541, 24.5035,
52.8222

■ 65.4733, 69.1705,
124.0300

■ 14.8287, 15.7075,
37.2741

■ 86.5785, 91.4339,
157.3488

■ 8.7848, 9.3174,
25.1223

■ 111.7920,
118.0251, 196.1567

■ 4.6570, 4.9488,
15.9484

141.4792,
149.3285, 240.8722

■ 2.0802, 2.2173,
9.3337

176.0054,
185.7285, 291.9138

■ 0.6784, 0.7294,
4.8597

215.7360,

■ 0.0000, 0.0000,

227.6096, 349.7001

2.1079

261.0363,
275.3561, 414.6496

■ 0.0000, 0.0000,
0.6204

■ 0.0000, 0.0000,
0.0000

■ 34.1265, 36.0897,
72.1852

■ 34.1265, 36.0897,
72.1852

■ 29.3240, 30.5343,
71.3667

■ 39.8335, 42.4177,
73.1065

■ 25.3688, 25.7116,
70.6443

■ 46.4900, 49.5474,
74.1318

■ 22.2026, 21.5833,
70.0143

■ 54.1422, 57.5111,
75.2657

■ 19.7567, 18.1050,
69.4718

■ 62.8320, 66.3380,
76.5114

■ 17.9487, 15.2243,
69.0111

■ 72.5990, 76.0556,
77.8723

■ 17.1846, 13.9111,
68.7979

■ 83.4804, 86.6903,
79.3515

■ 88.0490, 94.4198,
80.6027

■ 89.7863, 97.8945,
81.1818

Harmonies

Analogous

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



29.7432, 36.0897, 66.6326



34.1265, 36.0897, 72.1852



38.9719, 36.0897, 67.3519

Triad

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



34.1265, 36.0897, 72.1852



43.0548, 36.0897, 27.8279



26.9739, 36.0897, 27.1401

Complementary

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



34.1265, 36.0897, 72.1852



47.9957, 47.1019, 24.6525

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.



30.0212, 36.0897, 20.3658



34.1265, 36.0897, 72.1852



39.3047, 36.0897, 20.6927

Square

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



34.1265, 36.0897, 72.1852



44.4084, 36.0897, 39.8017



34.4785, 36.0897, 18.3117



25.8589, 36.0897, 38.7937

Rectangle

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



34.1265, 36.0897, 72.1852



41.7580, 36.0897, 59.4087



34.4785, 36.0897, 18.3117



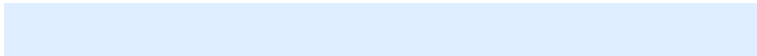
27.7913, 36.0897, 24.3272

Sweetspot

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



34.1277, 36.0910, 72.1861



78.3354, 83.1401, 106.5267



40.9459, 57.8201, 49.5096



16.2142, 17.2280, 22.7207



0.0000, 0.0000, 0.0000



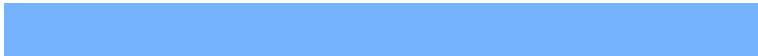
20.3446, 21.4041, 23.3091

Same Dimension

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



34.1277, 36.0910, 72.1861



41.5715, 43.3127, 100.7769



28.2143, 23.2187, 70.0131



12.8176, 13.5750, 16.5968



10.2955, 8.4605, 40.8288



0.7522, 0.7185, 2.6735

Inverse Universe

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



42.8434, 31.4528, 39.4115



55.7856, 37.3123, 46.9755



56.5443, 66.3555, 27.9183



13.2978, 13.1482, 14.8295



18.6920, 9.4779, 8.0243



1.2540, 0.6312, 0.7463

Previews

White Background



This preview shows how the XYZ color 34.1265, 36.0897, 72.1852 looks on a white background.

Color Contrast Check

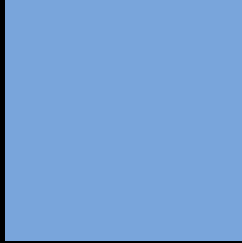
Large Text (above 18pt) WCAG AA × Fail

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 34.1265, 36.0897, 72.1852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

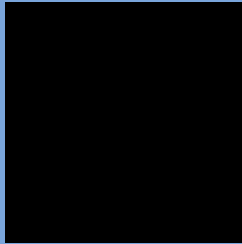
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

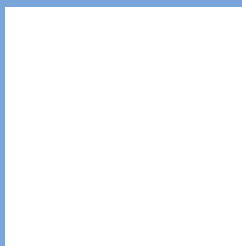
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.1265, 36.0897, 72.1852

Background



This preview shows how black text looks on a background with the XYZ color 34.1265, 36.0897, 72.1852.

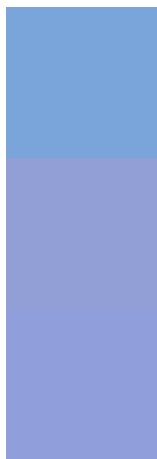


This preview shows how white text looks on a background with the XYZ color 34.1265, 36.0897,

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

34.1265, 36.0897, 72.1852

Protanopia

36.5179, 35.8136, 69.2780

Deuteranopia

36.8180, 35.8929, 72.6976



Tritanopia

29.8754, 36.0081, 51.2746

Trichromacy



Original Color

34.1265, 36.0897, 72.1852

Protanomaly

35.4561, 35.7660, 70.0005

Deuteranomaly

35.8165, 35.8913, 72.7501

Tritanomaly

31.3362, 36.0520, 58.1305

Monochromacy



Original Color

34.1265, 36.0897, 72.1852

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.6601, 34.8048, 48.1766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1265, 36.0897, 72.1852 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(121, 165, 219)` looks like.

```
.text, #text, p{  
    color:rgb(121, 165, 219)  
}
```

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(121, 165, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 165, 219) }
```

Border

The CSS property to change the border of an element to XYZ 34.1265, 36.0897, 72.1852 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(121, 165, 219) }
```


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

```
.border{ border-color:rgb(121, 165, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 165, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 165, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 165, 219); box-shadow:4px 4px 4px 4px rgb(121, 165, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1265, 36.0897, 72.1852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 165, 219) }
```

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

```
.background{ background-color: rgb(121,  
165, 219) }
```

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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