

Converting Colors

XYZ(35.6542, 32.4014, 53.8095)

Have a look what the booklet for
XYZ(35.6542, 32.4014, 53.8095)
contains.

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Color

**XYZ(35.6778, 32.3372,
53.6515)**

Conversions

Conversions Part 1

Format	Color
Hex	A891BF
RGB	168, 145, 191
RGB Percent	66%, 57%, 75%
CMY	0.3412, 0.4314, 0.2510
CMYK	0.12, 0.24, 0.00, 0.25
HSL	270°, 26%, 66%
HSV	270°, 24%, 75%
XYZ	35.6778, 32.3372, 53.6515
YIQ	157.1210, -1.0580, 19.1820

Conversions

Conversions Part 2

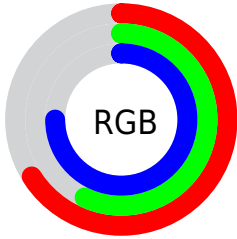
Format	Color
RYB	168, 145, 191
Decimal	11047359
CIELab	63.62, 17.49, -20.69
CIElCh	64, 27.092, 310.205
Yxy	32.3372, 0.2932, 0.2658
Android (android.graphics.Color)	4289237439 (0xFFA891BF)
YUV	157.1210, 16.7023, 9.5409
Hunter-Lab	56.8658, 12.4763, -16.1326

Details

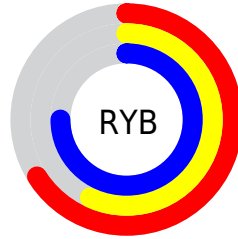
The XYZ color **35.6778, 32.3372, 53.6515** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.8912, 47.6316, 33.8809**, and the grayscale version is **32.0307, 33.6987, 36.6979**.

A 20% lighter version of the original color is **67.9524, 63.4095, 96.6535**, and **15.5883, 13.4564, 25.4427** is the 20% darker color. If you saturate the color by 10%, you get **31.0421, 25.9736, 52.6680**, and if you desaturate by 10%, it is **40.9556, 39.7618, 54.8069**.

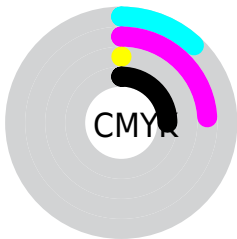
Distribution



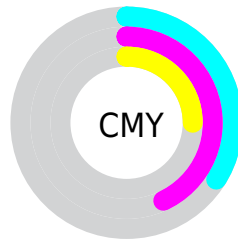
- Red (66%)
- Green (57%)
- Blue (75%)



- Red (66%)
- Yellow (57%)
- Blue (75%)



- Cyan (12%)
- Magenta (24%)
- Yellow (0%)
- Black (25%)



- Cyan (34%)
- Magenta (43%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6778, 32.3372, 53.6515 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 35.6778, 32.3372, 53.6515 by changing the saturation by 10% instead.

■ 35.6778, 32.3372,
53.6515

■ 35.6778, 32.3372,
53.6515

319.0059,
312.6525, 417.9167

■ 24.3544, 21.6192,
37.9318

■ 67.8616, 63.3393,
97.0136

■ 15.7229, 13.5774,
25.6284

■ 89.4527, 84.3923,
125.4931

■ 9.4179, 7.8273,
16.3226

115.1971,
109.6589, 159.0630

■ 5.0740, 3.9846,
9.5959

145.4602,
139.5238, 198.1417

■ 2.3260, 1.6650,
5.0298

180.6072,
174.3711, 243.1480

■ 0.8079, 0.4008,
2.2057

221.0036,

■ 0.0000, 0.0000,

214.5854, 294.5002

0.6776

267.0147,
260.5511, 352.6169

■ 0.0000, 0.0000,
0.0000

■ 35.6778, 32.3372,
53.6515

■ 35.6778, 32.3372,
53.6515

■ 31.0421, 25.9736,
52.6680

■ 40.9556, 39.7618,
54.8069

■ 27.0177, 20.6163,
51.8461

■ 46.8982, 48.2904,
56.1399

■ 23.5756, 16.2117,
51.1773

■ 53.5311, 57.9689,
57.6585

■ 20.6832, 12.6993,
50.6518

■ 60.8773, 68.8390,
59.3694

■ 18.3040, 10.0116,
50.2584

■ 68.9588, 80.9404,
61.2793

■ 16.3964, 8.0708,
49.9844

■ 76.3101, 91.3380,
62.8988

■ 14.9108, 6.7833,
49.8142

■ 79.3768, 92.9189,
63.0423

■ 14.1753, 6.2213,
49.7444

■ 82.6127, 94.5871,
63.1937

■ 86.0204, 96.3439,
63.3532

Harmonies

Analogous

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



32.0433, 32.3372, 59.9695



35.6778, 32.3372, 53.6515



38.1057, 32.3372, 42.7520

Triad

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



35.6778, 32.3372, 53.6515



33.2671, 32.3372, 19.0119



24.1138, 32.3372, 39.0336

Complementary

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



35.6778, 32.3372, 53.6515



39.8912, 47.6316, 33.8809

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.



24.3828, 32.3372, 28.6112



35.6778, 32.3372, 53.6515



29.4639, 32.3372, 18.4200

Square

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



35.6778, 32.3372, 53.6515



36.6367, 32.3372, 23.3944



26.2722, 32.3372, 21.5676



25.5047, 32.3372, 50.4538

Rectangle

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



35.6778, 32.3372, 53.6515



38.6042, 32.3372, 35.1353



26.2722, 32.3372, 21.5676



24.0161, 32.3372, 35.2843

Sweetspot

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



35.6788, 32.3386, 53.6522



80.6421, 81.6477, 99.7884



35.2268, 38.0717, 54.7827



17.5630, 17.7200, 21.8799



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



35.6788, 32.3386, 53.6522



59.2959, 51.5587, 95.1057



40.8238, 34.9909, 53.8930



9.4587, 9.4533, 11.9984



9.4086, 4.1364, 32.6954



0.4440, 0.2009, 1.2842

Inverse Universe

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



38.6802, 34.1557, 41.6012



65.7508, 55.4666, 69.1881



35.5554, 45.3964, 33.6780



9.7237, 9.6138, 10.9342



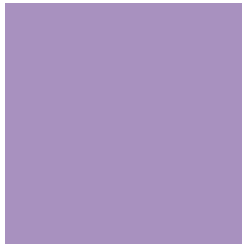
15.5334, 7.8445, 8.1025



0.6415, 0.3205, 0.4913

Previews

White Background



This preview shows how the XYZ color 35.6778, 32.3372, 53.6515 looks on a white background.

Color Contrast Check

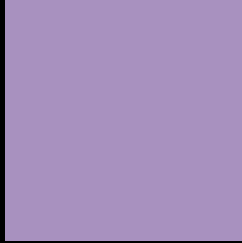
Large Text (above 18pt) WCAG AA × Fail

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 35.6778, 32.3372, 53.6515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

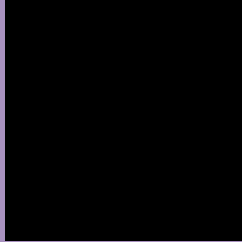
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.6778, 32.3372, 53.6515

Background



This preview shows how black text looks on a background with the XYZ color 35.6778, 32.3372, 53.6515.



This preview shows how white text looks on a background with the XYZ color 35.6778, 32.3372,

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

35.6778, 32.3372, 53.6515

Protanopia

32.6827, 32.6076, 56.7959

Deuteranopia

33.1234, 32.4302, 53.2291



Tritanopia

32.5322, 32.2079, 38.6845

Trichromacy



Original Color

35.6778, 32.3372, 53.6515

Protanomaly

33.5928, 32.3831, 55.5190

Deuteranomaly

33.9463, 32.3807, 53.1761

Tritanomaly

33.6498, 32.1963, 43.9761

Monochromacy



Original Color

35.6778, 32.3372, 53.6515

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.2506, 33.2241, 42.1965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6778, 32.3372, 53.6515 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(168, 145, 191)` looks like.

```
.text, #text, p{  
    color:rgb(168, 145, 191)  
}
```

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(168, 145, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 145, 191) }
```

Border

The CSS property to change the border of an element to XYZ 35.6778, 32.3372, 53.6515 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(168, 145, 191) }
```


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

```
.border{ border-color:rgb(168, 145, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 145, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 145, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 145, 191);  
box-shadow:4px 4px 4px 4px rgb(168, 145,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6778, 32.3372, 53.6515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 145, 191) }
```

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

```
.background{ background-color: rgb(168,  
145, 191) }
```

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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