

Converting Colors

XYZ(36.6435, 35.7819, 62.1020)

Have a look what the booklet for
XYZ(36.6435, 35.7819, 62.1020)
contains.

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Color

**XYZ(36.6435, 35.7819,
62.1020)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9ECC
RGB	155, 158, 204
RGB Percent	61%, 62%, 80%
CMY	0.3921, 0.3804, 0.2000
CMYK	0.24, 0.23, 0.00, 0.20
HSL	236°, 32%, 70%
HSV	236°, 24%, 80%
XYZ	36.6435, 35.7819, 62.1020
YIQ	162.3470, -16.5540, 13.6700

Conversions

Conversions Part 2

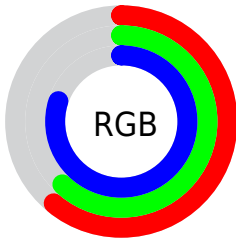
Format	Color
R _Y B	155, 158, 204
Decimal	10198732
CIE Lab	66.35, 8.94, -23.87
CIE LCh	66, 25.491, 290.523
Yxy	35.7819, 0.2724, 0.2660
Android (android.graphics.Color)	4288388812 (0xFF9B9ECC)
YUV	162.3470, 20.5349, -6.4433
Hunter-Lab	59.8180, 4.6647, -19.6813

Details

The XYZ color **36.6435, 35.7819, 62.1020** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.7053, 56.9774, 39.2840**, and the grayscale version is **34.4185, 36.2109, 39.4337**.

A 20% lighter version of the original color is **68.4226, 68.5101, 104.2253**, and **16.3562, 15.6010, 31.0034** is the 20% darker color. If you saturate the color by 10%, you get **30.0383, 27.9002, 60.9294**, and if you desaturate by 10%, it is **44.4215, 45.0254, 63.4768**.

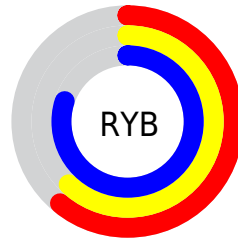
Distribution



Red (61%)

Green (62%)

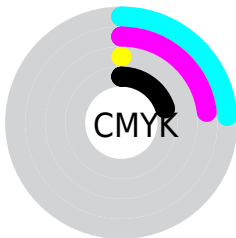
Blue (80%)



Red (61%)

Yellow (62%)

Blue (80%)

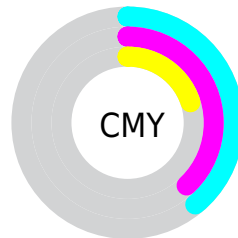


Cyan (24%)

Magenta (23%)

Yellow (0%)

Black (20%)



Cyan (39%)

Magenta (38%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6435, 35.7819, 62.1020 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 36.6435, 35.7819, 62.1020 by changing the saturation by 10% instead.

■ 36.6435, 35.7819,
62.1020

■ 36.6435, 35.7819,
62.1020

323.1469,
328.0063, 450.3210

■ 25.1040, 24.2658,
44.6788

■ 69.3415, 68.6953,
109.4460

■ 16.2837, 15.5309,
30.8634

■ 91.2308, 90.8614,
140.2038

■ 9.8172, 9.1928,
20.2373

117.3007,
117.3463, 176.2436

■ 5.3393, 4.8672,
12.3818

147.9165,
148.5343, 217.9839

■ 2.4845, 2.1695,
6.8786

183.4437,
184.8100, 265.8433

■ 0.8874, 0.7033,
3.3090

224.2476,

■ 0.0000, 0.0000,

226.5576, 320.2402

1.2545

270.6935,
274.1615, 381.5933

■ 0.0000, 0.0000,
0.0241

■ 0.0000, 0.0000,
0.0000

■ 36.6435, 35.7819,
62.1020

■ 36.6435, 35.7819,
62.1020

■ 30.0383, 27.9002,
60.9294

■ 44.4215, 45.0254,
63.4768

■ 24.5456, 21.3120,
59.9473

■ 53.4216, 55.6864,
65.0603

■ 20.1053, 15.9494,
59.1462

■ 63.6946, 67.8226,
66.8613

■ 16.6497, 11.7365,
58.5152

■ 75.2874, 81.4872,
68.8879

■ 14.1037, 8.5891,
58.0418

■ 87.5039, 96.3490,
71.1126

■ 12.3812, 6.4115,
57.7123

■ 87.8992, 97.1397,
71.2444

■ 11.3792, 5.0905,
57.5101

■ 11.0367, 4.6348,
57.4402

Harmonies

Analogous

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



32.8174, 35.7819, 63.5394



36.6435, 35.7819, 62.1020



39.9844, 35.7819, 53.8821

Triad

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



36.6435, 35.7819, 62.1020



38.8838, 35.7819, 24.9043



27.2825, 35.7819, 35.6064

Complementary

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



36.6435, 35.7819, 62.1020



51.7053, 56.9774, 39.2840

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.



28.6618, 35.7819, 27.0842



36.6435, 35.7819, 62.1020



35.2304, 35.7819, 21.7117

Square

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



36.6435, 35.7819, 62.1020



41.3434, 35.7819, 32.0572



31.5051, 35.7819, 22.4273



27.5988, 35.7819, 46.7896

Rectangle

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



36.6435, 35.7819, 62.1020



41.3955, 35.7819, 46.3844



31.5051, 35.7819, 22.4273



27.5591, 35.7819, 32.3741

Sweetspot

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



36.6447, 35.7833, 62.1028



83.6706, 86.5412, 106.9019



45.6225, 54.3595, 63.1825



17.7095, 18.2872, 22.8463



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.



36.6447, 35.7833, 62.1028



54.5881, 51.9905, 101.7658



40.5786, 37.0607, 62.1420



10.6560, 10.9524, 14.1228



6.9702, 2.9644, 36.1611



0.3793, 0.1924, 1.8721

Inverse Universe

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



42.7957, 38.7497, 37.5731



66.5923, 57.8554, 53.8775



46.9830, 55.5917, 39.2654



11.2397, 11.2246, 11.7970



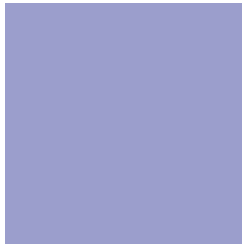
15.7291, 8.1022, 1.0264



0.8214, 0.4220, 0.1054

Previews

White Background



This preview shows how the XYZ color 36.6435, 35.7819, 62.1020 looks on a white background.

Color Contrast Check

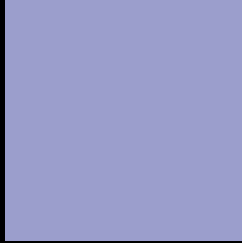
Large Text (above 18pt) WCAG AA × Fail

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 36.6435, 35.7819, 62.1020 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 36.6435, 35.7819, 62.1020

Background



This preview shows how black text looks on a background with the XYZ color 36.6435, 35.7819, 62.1020.



This preview shows how white text looks on a background with the XYZ color 36.6435, 35.7819,

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

36.6435, 35.7819, 62.1020

Protanopia

35.9953, 35.6881, 62.7489

Deuteranopia

36.6435, 35.7819, 62.1020



Tritanopia

33.5113, 35.8130, 46.2207

Trichromacy



Original Color

36.6435, 35.7819, 62.1020

Protanomaly

36.3665, 35.8795, 62.7663

Deuteranomaly

36.6435, 35.7819, 62.1020

Tritanomaly

34.5567, 35.7103, 51.5258

Monochromacy



Original Color

36.6435, 35.7819, 62.1020

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.9788, 36.0350, 46.7068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6435, 35.7819, 62.1020 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(155, 158, 204)` looks like.

```
.text, #text, p{  
    color:rgb(155, 158, 204)  
}
```

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(155, 158, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 158, 204) }
```

Border

The CSS property to change the border of an element to XYZ 36.6435, 35.7819, 62.1020 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(155, 158, 204) }
```


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

```
.border{ border-color:rgb(155, 158, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 158, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 158, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 158, 204);  
box-shadow:4px 4px 4px 4px rgb(155, 158,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6435, 35.7819, 62.1020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 158, 204) }
```

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

```
.background{ background-color: rgb(155,  
158, 204) }
```

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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