

Converting Colors

XYZ(19.6766, 21.6968, 35.1433)

Have a look what the booklet for
XYZ(19.6766, 21.6968, 35.1433)
contains.

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Color

**XYZ(19.7039, 21.7036,
35.0490)**

Conversions

Conversions Part 1

Format	Color
Hex	65849D
RGB	101, 132, 157
RGB Percent	40%, 52%, 62%
CMY	0.6039, 0.4823, 0.3843
CMYK	0.36, 0.16, 0.00, 0.38
HSL	207°, 22%, 51%
HSV	207°, 36%, 62%
XYZ	19.7039, 21.7036, 35.0490
YIQ	125.5810, -26.5010, 1.2030

Conversions

Conversions Part 2

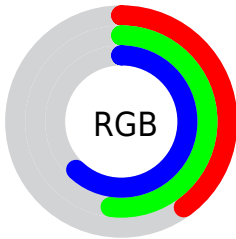
Format	Color
R_{YB}	101, 121, 157
Decimal	6653085
CIE _{Lab}	53.71, -4.56, -16.88
CIE _{LCh}	54, 17.481, 254.884
Yxy	21.7036, 0.2577, 0.2839
Android (android.graphics.Color)	4284843165 (0xFF65849D)
YUV	125.5810, 15.4896, -21.5575
Hunter-Lab	46.5871, -6.0314, -11.9948

Details

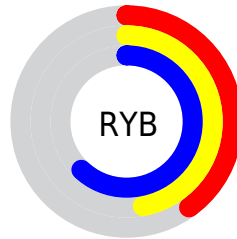
The XYZ color **19.7039, 21.7036, 35.0490** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **23.7148, 23.0296, 15.5077**, and the grayscale version is **19.6453, 20.6684, 22.5079**.

A 20% lighter version of the original color is **42.5591, 46.3214, 68.9852**, and **7.0600, 7.9309, 14.7944** is the 20% darker color. If you saturate the color by 10%, you get **17.1926, 19.0456, 34.6687**, and if you desaturate by 10%, it is **22.6163, 24.6642, 35.4673**.

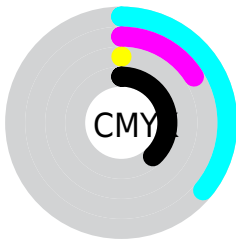
Distribution



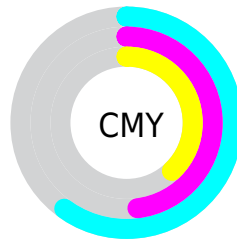
- Red (40%)
- Green (52%)
- Blue (62%)



- Red (40%)
- Yellow (47%)
- Blue (62%)



- Cyan (36%)
- Magenta (16%)
- Yellow (0%)
- Black (38%)



- Cyan (60%)
- Magenta (48%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7039, 21.7036, 35.0490 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 19.7039, 21.7036, 35.0490 by changing the saturation by 10% instead.

■ 19.7039, 21.7036,
35.0490

■ 19.7039, 21.7036,
35.0490

243.1718,
260.9945, 339.6954

■ 12.2870, 13.6393,
23.4168

■ 42.4279, 46.2556,
68.7141

■ 7.0130, 7.8702,
14.6934

■ 58.4658, 63.5121,
91.5841

■ 3.5167, 4.0120,
8.4602

■ 78.1080, 84.6014,
119.0370

■ 1.4325, 1.6803,
4.2989

■ 101.7199,
109.9080, 151.4915

■ 0.2792, 0.4108,
1.7907

129.6669,
139.8162, 189.3660

■ 0.0000, 0.0000,
0.4218

162.3143,

■ 0.0000, 0.0000,

174.7104, 233.0791

0.0000

200.0275,
214.9750, 283.0494

■ 19.7039, 21.7036,
35.0490

■ 19.7039, 21.7036,
35.0490

■ 17.1926, 19.0456,
34.6687

■ 22.6163, 24.6642,
35.4673

■ 15.0598, 16.6751,
34.3236

■ 25.9466, 27.9363,
35.9234

■ 13.2839, 14.5797,
34.0127

■ 29.7131, 31.5316,
36.4188

■ 11.8398, 12.7445,
33.7346

■ 33.9323, 35.4604,
36.9548

■ 10.6989, 11.1526,
33.4874

■ 38.6198, 39.7323,
37.5323

■ 9.8231, 9.7823,
33.2691

■ 43.7905, 44.3566,
38.1523

■ 9.4872, 9.2369,
33.1816

■ 49.4587, 49.3423,
38.8159

■ 55.6378, 54.6978,
39.5240

■ 62.3410, 60.4314,
40.2774

Harmonies

Analogous

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



18.1813, 21.7036, 31.6801



19.7039, 21.7036, 35.0490



21.5673, 21.7036, 35.0631

Triad

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



19.7039, 21.7036, 35.0490



24.3075, 21.7036, 21.0807



18.1908, 21.7036, 17.0527

Complementary

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



19.7039, 21.7036, 35.0490



23.7148, 23.0296, 15.5077

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.



19.7176, 21.7036, 15.0015



19.7039, 21.7036, 35.0490



23.2862, 21.7036, 17.0765

Square

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



19.7039, 21.7036, 35.0490



24.3033, 21.7036, 26.4237



21.5818, 21.7036, 15.0095



17.3444, 21.7036, 21.0433

Rectangle

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



19.7039, 21.7036, 35.0490



22.7570, 21.7036, 33.1392



21.5818, 21.7036, 15.0095



18.6373, 21.7036, 16.1422

Sweetspot

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



19.7046, 21.7044, 35.0495



49.3747, 52.8271, 64.7211



21.1430, 28.3686, 23.8534



10.6834, 11.4508, 14.2175



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



19.7046, 21.7044, 35.0495



31.5653, 34.9449, 62.2081



16.4776, 15.2505, 33.9739



6.5739, 7.0135, 8.4139



7.7426, 7.5768, 26.9616



0.1803, 0.2192, 0.4960

Inverse Universe

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



22.7237, 18.1420, 24.1349



37.9566, 28.1036, 38.9456



27.6890, 30.9780, 16.8325



6.7790, 6.7045, 7.6873



12.7063, 6.3871, 7.9704



0.2483, 0.1227, 0.2538

Previews

White Background



This preview shows how the XYZ color 19.7039, 21.7036, 35.0490 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7039, 21.7036, 35.0490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

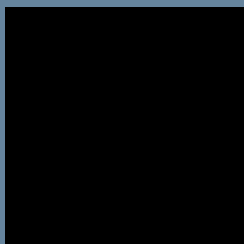
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

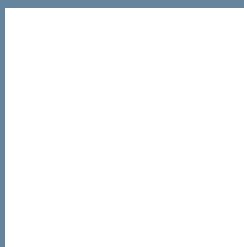
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.7039, 21.7036, 35.0490

Background



This preview shows how black text looks on a background with the XYZ color 19.7039, 21.7036, 35.0490.



This preview shows how white text looks on a background with the XYZ color 19.7039, 21.7036,

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

19.7039, 21.7036, 35.0490

Protanopia

21.3652, 21.6162, 33.1833

Deuteranopia

21.9626, 21.4958, 35.3393



Tritanopia

18.6729, 21.6912, 29.9907

Trichromacy



Original Color

19.7039, 21.7036, 35.0490

Protanomaly

20.6224, 21.6110, 33.6563

Deuteranomaly

21.0932, 21.6200, 35.4091

Tritanomaly

18.9579, 21.5976, 31.6033

Monochromacy



Original Color

19.7039, 21.7036, 35.0490

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.5706, 21.0264, 26.6939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7039, 21.7036, 35.0490 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(101, 132, 157)` looks like.

```
.text, #text, p{  
    color:rgb(101, 132, 157)  
}
```

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(101, 132, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 132, 157) }
```

Border

The CSS property to change the border of an element to XYZ 19.7039, 21.7036, 35.0490 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(101, 132, 157) }
```


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

```
.border{ border-color:rgb(101, 132, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 132, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 132, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 132, 157);  
box-shadow:4px 4px 4px 4px rgb(101, 132,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7039, 21.7036, 35.0490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 132, 157) }
```

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

```
.background{ background-color: rgb(101,  
132, 157) }
```

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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