

Converting Colors

XYZ(10.9822, 10.6689, 21.7304)

Have a look what the booklet for
XYZ(10.9822, 10.6689, 21.7304)
contains.

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Color

**XYZ(11.0321, 10.6647,
21.8991)**

Conversions

Conversions Part 1

Format	Color
Hex	525A80
RGB	82, 90, 128
RGB Percent	32%, 35%, 50%
CMY	0.6784, 0.6471, 0.4980
CMYK	0.36, 0.30, 0.00, 0.50
HSL	230°, 22%, 41%
HSV	230°, 36%, 50%
XYZ	11.0321, 10.6647, 21.8991
YIQ	91.9400, -16.9660, 10.1220

Conversions

Conversions Part 2

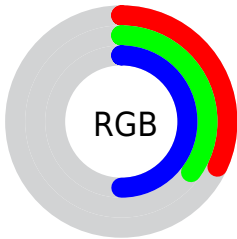
Format	Color
R_{YB}	82, 89, 128
Decimal	5397120
CIE Lab	39.01, 6.79, -22.33
CIE LCh	39, 23.343, 286.903
Yxy	10.6647, 0.2531, 0.2446
Android (android.graphics.Color)	4283587200 (0xFF525A80)
YUV	91.9400, 17.7776, -8.7174
Hunter-Lab	32.6569, 3.1512, -16.8990

Details

The XYZ color **11.0321, 10.6647, 21.8991** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **17.1417, 18.6314, 10.6757**, and the grayscale version is **10.1224, 10.6495, 11.5973**.

A 20% lighter version of the original color is **27.3914, 27.0789, 47.4991**, and **3.0094, 2.7814, 7.7754** is the 20% darker color. If you saturate the color by 10%, you get **9.1919, 8.4851, 21.5756**, and if you desaturate by 10%, it is **13.2076, 13.2060, 22.2751**.

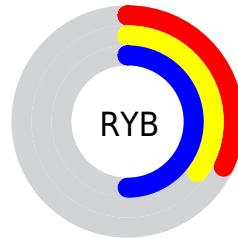
Distribution



Red (32%)

Green (35%)

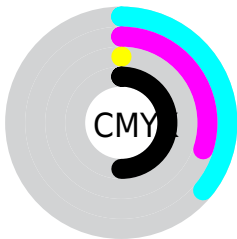
Blue (50%)



Red (32%)

Yellow (35%)

Blue (50%)

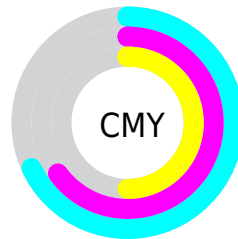


Cyan (36%)

Magenta (30%)

Yellow (0%)

Black (50%)



Cyan (68%)

Magenta (65%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0321, 10.6647, 21.8991 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 11.0321, 10.6647, 21.8991 by changing the saturation by 10% instead.

■ 11.0321, 10.6647,
21.8991

■ 11.0321, 10.6647,
21.8991

191.7914,
195.3525, 274.9552

■ 6.1559, 5.8418,
13.5852

■ 27.3519, 27.0385,
47.4792

■ 2.9817, 2.7492,
7.6973

■ 39.5263, 39.3581,
65.5825

■ 1.1441, 1.0022,
3.8169

■ 54.8640, 54.9456,
87.7860

■ 0.0615, 0.0000,
1.5254

■ 73.7305, 74.1851,
114.5082

■ 0.0000, 0.0000,
0.2368

■ 96.4912, 97.4612,
146.1677

■ 0.0000, 0.0000,
0.0000

123.5113,

125.1582, 183.1830

155.1562,
157.6605, 225.9726

■ 11.0321, 10.6647,
21.8991

■ 11.0321, 10.6647,
21.8991

■ 9.1919, 8.4851,
21.5756

■ 13.2076, 13.2060,
22.2751

■ 7.6689, 6.6493,
21.3015

■ 15.7331, 16.1233,
22.7051

■ 6.4452, 5.1397,
21.0746

■ 18.6235, 19.4316,
23.1914

■ 5.5004, 3.9368,
20.8922

■ 21.8927, 23.1448,
23.7358

■ 4.8115, 3.0186,
20.7513

■ 25.5538, 27.2759,
24.3402

■ 4.3433, 2.3559,
20.6481

■ 29.6193, 31.8375,
25.0064

■ 4.1883, 2.1424,
20.6150

■ 34.1011, 36.8417,
25.7361

■ 39.0107, 42.3000,
26.5309

■ 44.3589, 48.2236,
27.3924

Harmonies

Analogous

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



9.4731, 10.6647, 22.1249



11.0321, 10.6647, 21.8991



12.4835, 10.6647, 18.5104

Triad

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



11.0321, 10.6647, 21.8991



12.3226, 10.6647, 6.4091



7.4912, 10.6647, 9.7756

Complementary

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



11.0321, 10.6647, 21.8991



17.1417, 18.6314, 10.6757

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.



8.1038, 10.6647, 6.6839



11.0321, 10.6647, 21.8991



10.8301, 10.6647, 5.1030

Square

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



11.0321, 10.6647, 21.8991



13.2792, 10.6647, 9.2932



9.2907, 10.6647, 5.1887



7.5334, 10.6647, 14.2877

Rectangle

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



11.0321, 10.6647, 21.8991



13.1472, 10.6647, 15.3107



9.2907, 10.6647, 5.1887



7.6245, 10.6647, 8.5629

Sweetspot

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



11.0325, 10.6651, 21.8994



30.0022, 31.0281, 40.3640



14.5630, 18.5780, 20.4503



6.8935, 7.1147, 9.4283



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



11.0325, 10.6651, 21.8994



16.7698, 15.6381, 38.0909



11.7976, 10.1111, 21.7521



4.1647, 4.3234, 5.4283



4.1537, 2.1259, 20.4414



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.7651, 11.3623, 11.1410



22.3660, 17.2295, 16.0219



16.1083, 19.5873, 10.9147



4.3560, 4.3555, 4.6789



8.9736, 4.6091, 1.1847



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.0321, 10.6647, 21.8991 looks on a white 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

Black Background



This preview shows how the XYZ color 11.0321, 10.6647, 21.8991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

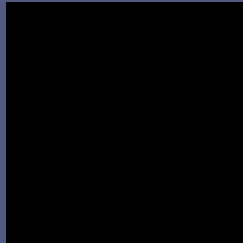
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

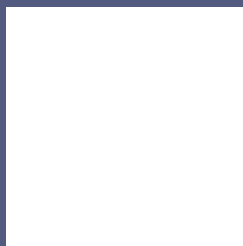
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.0321, 10.6647, 21.8991

Background



This preview shows how black text looks on a background with the XYZ color 11.0321, 10.6647, 21.8991.

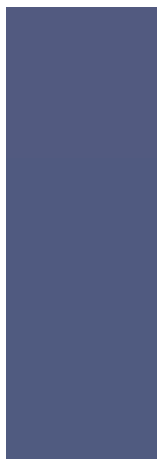


This preview shows how white text looks on a background with the XYZ color 11.0321, 10.6647,

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

11.0321, 10.6647, 21.8991

Protanopia

10.8607, 10.5763, 21.8911

Deuteranopia

10.9456, 10.7462, 21.9194



Tritanopia

9.4710, 10.6802, 14.1327

Trichromacy



Original Color

11.0321, 10.6647, 21.8991

Protanomaly

10.9458, 10.6202, 21.8951

Deuteranomaly

11.0307, 10.7900, 21.9234

Tritanomaly

9.9255, 10.5961, 16.5610

Monochromacy



Original Color

11.0321, 10.6647, 21.8991

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

10.3154, 10.5768, 14.8624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0321, 10.6647, 21.8991 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(82, 90, 128)` looks like.

```
.text, #text, p{  
    color:rgb(82, 90, 128)  
}
```

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(82, 90, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 90, 128) }
```

Border

The CSS property to change the border of an element to XYZ 11.0321, 10.6647, 21.8991 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(82, 90, 128) }
```


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

```
.border{ border-color:rgb(82, 90, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 90, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(82, 90, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(82, 90, 128); box-shadow:4px 4px 4px 4px rgb(82, 90, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0321, 10.6647, 21.8991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 90, 128) }
```

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

```
.background{ background-color: rgb(82, 90,  
128) }
```

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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