

Converting Colors

XYZ(36.7122, 37.2693, 55.1279)

Have a look what the booklet for
XYZ(36.7122, 37.2693, 55.1279)
contains.

XYZ(36.7122, 37.2693, 55.1279)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.7122, 37.2693,
55.1279)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA3C0
RGB	158, 163, 192
RGB Percent	62%, 64%, 75%
CMY	0.3804, 0.3608, 0.2471
CMYK	0.18, 0.15, 0.00, 0.25
HSL	231°, 21%, 69%
HSV	231°, 18%, 75%
XYZ	36.7122, 37.2693, 55.1279
YIQ	164.8110, -12.2890, 7.9590

Conversions

Conversions Part 2

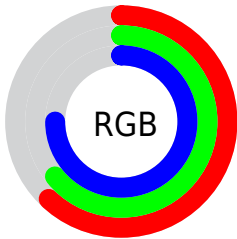
Format	Color
R_{YB}	158, 162, 192
Decimal	10396608
CIE _{Lab}	67.48, 4.31, -15.48
CIE _{LCh}	67, 16.065, 285.569
Yxy	37.2693, 0.2843, 0.2887
Android (android.graphics.Color)	4288586688 (0xFF9EA3C0)
YUV	164.8110, 13.4042, -5.9732
Hunter-Lab	61.0486, 0.5078, -10.8059

Details

The XYZ color **36.7122, 37.2693, 55.1279** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.6804, 49.2156, 39.4406**, and the grayscale version is **35.6167, 37.4715, 40.8065**.

A 20% lighter version of the original color is **69.4553, 71.0663, 98.8634**, and **16.2157, 16.2680, 26.3301** is the 20% darker color. If you saturate the color by 10%, you get **30.5049, 30.0297, 54.0583**, and if you desaturate by 10%, it is **43.8883, 45.5691, 56.3523**.

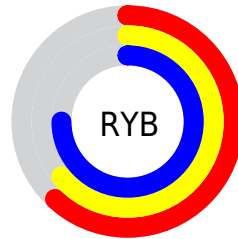
Distribution



Red (62%)

Green (64%)

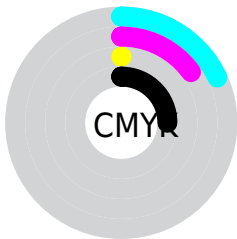
Blue (75%)



Red (62%)

Yellow (64%)

Blue (75%)

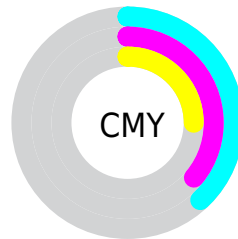


Cyan (18%)

Magenta (15%)

Yellow (0%)

Black (25%)



Cyan (38%)

Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.7122, 37.2693, 55.1279 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 36.7122, 37.2693, 55.1279 by changing the saturation by 10% instead.

■ 36.7122, 37.2693,
55.1279

■ 36.7122, 37.2693,
55.1279

323.4400,
334.4750, 423.6922

■ 25.1574, 25.4161,
39.1048

■ 69.4466, 70.9868,
99.2014

■ 16.3237, 16.3873,
26.5328

■ 91.3570, 93.6198,
128.0888

■ 9.8458, 9.7986,
16.9934

117.4499,
120.6149, 162.1015

■ 5.3583, 5.2657,
10.0678

148.0907,
152.3564, 201.6580

■ 2.4959, 2.4040,
5.3378

183.6447,
189.2288, 247.1767

■ 0.8932, 0.8279,
2.3846

224.4774,

■ 0.0000, 0.0000,

231.6164, 299.0763

0.7780

270.9541,
279.9037, 357.7753

■ 0.0000, 0.0000,
0.0000

■ 36.7122, 37.2693,
55.1279

■ 36.7122, 37.2693,
55.1279

■ 30.5049, 30.0297,
54.0583

■ 43.8883, 45.5691,
56.3523

■ 25.2214, 23.8030,
53.1349

■ 52.0689, 54.9649,
57.7347

■ 20.8181, 18.5450,
52.3521

■ 61.2922, 65.4964,
59.2814

■ 17.2464, 14.2065,
51.7029

■ 71.5930, 77.1999,
60.9975

■ 14.4531, 10.7336,
51.1798

■ 83.0050, 90.1101,
62.8879

■ 12.3785, 8.0671,
50.7744

■ 86.5145, 96.5858,
63.9529

■ 10.9542, 6.1399,
50.4775

■ 10.0861, 4.8672,
50.2776

■ 9.9356, 4.6480,
50.2432

Harmonies

Analogous

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



34.2540, 37.2693, 55.2137



36.7122, 37.2693, 55.1279



38.9208, 37.2693, 50.8553

Triad

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



36.7122, 37.2693, 55.1279



38.8498, 37.2693, 31.6292



31.0241, 37.2693, 37.2869

Complementary

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



36.7122, 37.2693, 55.1279



45.6804, 49.2156, 39.4406

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.



32.1420, 37.2693, 31.7912



36.7122, 37.2693, 55.1279



36.6190, 37.2693, 28.7913

Square

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



36.7122, 37.2693, 55.1279



40.1934, 37.2693, 37.0408



34.1650, 37.2693, 28.8470



31.0465, 37.2693, 44.3376

Rectangle

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



36.7122, 37.2693, 55.1279



39.9213, 37.2693, 46.4635



34.1650, 37.2693, 28.8470



31.2766, 37.2693, 35.2153

Sweetspot

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



36.7133, 37.2708, 55.1287



83.2378, 86.8457, 102.7361



41.9099, 48.5526, 54.1210



17.6397, 18.3809, 22.0035



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.



36.7133, 37.2708, 55.1287



62.2411, 62.5534, 99.1538



38.2981, 36.7953, 54.9534



9.6452, 9.9818, 12.7032



6.7213, 3.1991, 33.8199



0.3296, 0.2165, 1.4743

Inverse Universe

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



40.5769, 38.3055, 39.9071



70.4870, 64.8441, 66.6482



43.8676, 49.8839, 39.6652



10.1322, 10.1015, 10.7869



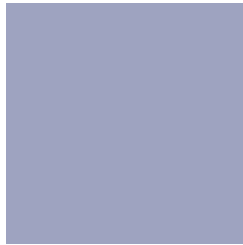
14.7886, 7.6052, 1.5328



0.6587, 0.3365, 0.1703

Previews

White Background



This preview shows how the XYZ color 36.7122, 37.2693, 55.1279 looks on a white background.

Color Contrast Check

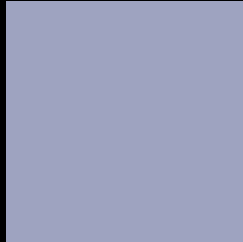
Large Text (above 18pt) WCAG AA × Fail

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 36.7122, 37.2693, 55.1279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

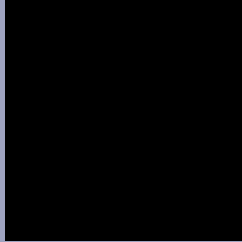
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.7122, 37.2693, 55.1279

Background



This preview shows how black text looks on a background with the XYZ color 36.7122, 37.2693, 55.1279.



This preview shows how white text looks on a background with the XYZ color 36.7122, 37.2693,

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

36.7122, 37.2693, 55.1279

Protanopia

36.9097, 37.3711, 55.1372

Deuteranopia

37.9223, 37.0989, 55.6141



Tritanopia

35.2013, 37.1925, 47.4430

Trichromacy



Original Color

36.7122, 37.2693, 55.1279

Protanomaly

36.9097, 37.3711, 55.1372

Deuteranomaly

37.4748, 37.1265, 55.6431

Tritanomaly

35.7273, 37.1379, 50.0850

Monochromacy



Original Color

36.7122, 37.2693, 55.1279

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.9136, 37.3274, 45.8695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7122, 37.2693, 55.1279 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(158, 163, 192)` looks like.

```
.text, #text, p{  
    color:rgb(158, 163, 192)  
}
```

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(158, 163, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 163, 192) }
```

Border

The CSS property to change the border of an element to XYZ 36.7122, 37.2693, 55.1279 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(158, 163, 192) }
```


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

```
.border{ border-color:rgb(158, 163, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 163, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 163, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 163, 192);  
box-shadow:4px 4px 4px 4px rgb(158, 163,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7122, 37.2693, 55.1279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 163, 192) }
```

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

```
.background{ background-color: rgb(158,  
163, 192) }
```

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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