

Converting Colors

XYZ(29.9738, 29.1961, 52.1997)

Have a look what the booklet for
XYZ(29.9738, 29.1961, 52.1997)
contains.

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Color

**XYZ(29.9738, 29.1961,
52.1997)**

Conversions

Conversions Part 1

Format	Color
Hex	8C90BD
RGB	140, 144, 189
RGB Percent	55%, 56%, 74%
CMY	0.4510, 0.4353, 0.2588
CMYK	0.26, 0.24, 0.00, 0.26
HSL	235°, 27%, 65%
HSV	235°, 26%, 74%
XYZ	29.9738, 29.1961, 52.1997
YIQ	147.9340, -16.8290, 13.1470

Conversions

Conversions Part 2

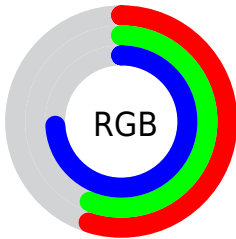
Format	Color
R_{YB}	140, 144, 189
Decimal	9212093
CIE _{Lab}	60.95, 8.63, -23.85
CIE _{LCh}	61, 25.365, 289.900
Yxy	29.1961, 0.2691, 0.2622
Android (android.graphics.Color)	4287402173 (0xFF8C90BD)
YUV	147.9340, 20.2455, -6.9581
Hunter-Lab	54.0334, 4.4603, -19.4545

Details

The XYZ color **29.9738, 29.1961, 52.1997** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.0693, 47.4105, 31.6930**, and the grayscale version is **28.0449, 29.5054, 32.1314**.

A 20% lighter version of the original color is **58.9236, 58.4501, 94.5626**, and **12.5665, 11.9068, 24.9285** is the 20% darker color. If you saturate the color by 10%, you get **24.6287, 22.8340, 51.2539**, and if you desaturate by 10%, it is **36.2720, 36.6509, 53.3072**.

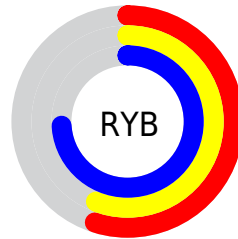
Distribution



Red (55%)

Green (56%)

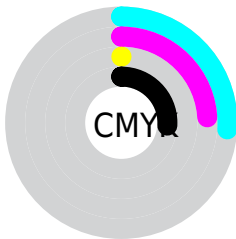
Blue (74%)



Red (55%)

Yellow (56%)

Blue (74%)

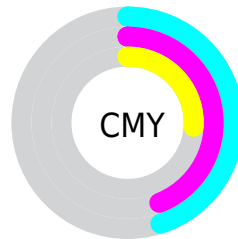


Cyan (26%)

Magenta (24%)

Yellow (0%)

Black (26%)



Cyan (45%)

Magenta (44%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9738, 29.1961, 52.1997 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 29.9738, 29.1961, 52.1997 by changing the saturation by 10% instead.

■ 29.9738, 29.1961,
52.1997

■ 29.9738, 29.1961,
52.1997

293.6943,
298.1391, 412.1859

■ 19.9667, 19.2292,
36.7809

■ 59.0077, 58.3885,
94.8553

■ 12.4789, 11.8360,
24.7435

■ 78.7651, 78.3828,
122.9292

■ 7.1453, 6.6321,
15.6688

■ 102.5034,
102.4884, 156.0585

■ 3.6002, 3.2331,
9.1383

130.5878,
131.0896, 194.6618

■ 1.4786, 1.2546,
4.7334

163.3837,
164.5709, 239.1577

■ 0.3112, 0.1056,
2.0357

201.2566,

■ 0.0000, 0.0000,

203.3167, 289.9647

0.5771

244.5717,
247.7113, 347.5012

■ 0.0000, 0.0000,
0.0000

■ 29.9738, 29.1961,
52.1997

■ 29.9738, 29.1961,
52.1997

■ 24.6287, 22.8340,
51.2539

■ 36.2720, 36.6509,
53.3072

■ 20.1874, 17.5099,
50.4603

■ 43.5637, 45.2427,
54.5812

■ 16.6007, 13.1695,
49.8116

■ 51.8902, 55.0176,
56.0291

■ 13.8134, 9.7524,
49.2989

■ 61.2898, 66.0182,
57.6570

■ 11.7638, 7.1914,
48.9126

■ 71.7990, 78.2849,
59.4709

■ 10.3811, 5.4100,
48.6417

■ 83.4522, 91.8564,
61.4762

■ 9.5784, 4.3171,
48.4730

■ 86.1854, 96.4542,
62.2196

■ 9.3624, 4.0281,
48.4286

Harmonies

Analogous

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



26.6485, 29.1961, 53.3297



29.9738, 29.1961, 52.1997



32.9100, 29.1961, 45.0391

Triad

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



29.9738, 29.1961, 52.1997



32.0560, 29.1961, 19.7834



21.9425, 29.1961, 28.6982

Complementary

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



29.9738, 29.1961, 52.1997



43.0693, 47.4105, 31.6930

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.



23.1597, 29.1961, 21.4325



29.9738, 29.1961, 52.1997



28.8815, 29.1961, 17.0063

Square

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



29.9738, 29.1961, 52.1997



34.1768, 29.1961, 25.9788



25.6390, 29.1961, 17.5430



22.1841, 29.1961, 38.4080

Rectangle

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



29.9738, 29.1961, 52.1997



34.1681, 29.1961, 38.4761



25.6390, 29.1961, 17.5430



22.1906, 29.1961, 25.9264

Sweetspot

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



29.9748, 29.1973, 52.2004



74.9881, 77.4597, 97.2251



37.7617, 45.4705, 52.6398



15.6899, 16.1440, 20.8317



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



29.9748, 29.1973, 52.2004



48.1452, 45.7077, 92.5111



33.1449, 29.9478, 52.1782



9.0774, 9.3472, 11.9980



6.3229, 2.7576, 32.5919



0.2692, 0.1511, 1.2838

Inverse Universe

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



35.3992, 31.5895, 30.6184



59.5065, 50.8191, 47.2858



39.2048, 46.6782, 31.7554



9.5609, 9.5487, 10.0769



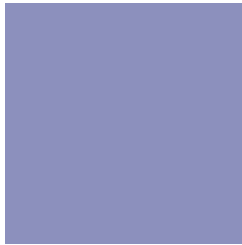
14.1923, 7.3081, 1.0403



0.5668, 0.2906, 0.0980

Previews

White Background



This preview shows how the XYZ color 29.9738, 29.1961, 52.1997 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 29.9738, 29.1961, 52.1997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

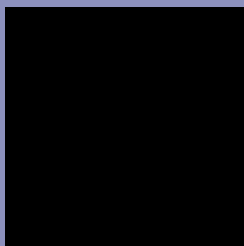
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

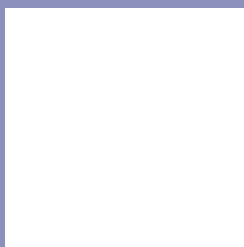
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.9738, 29.1961, 52.1997

Background



This preview shows how black text looks on a background with the XYZ color 29.9738, 29.1961, 52.1997.



This preview shows how white text looks on a background with the XYZ color 29.9738, 29.1961,

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

29.9738, 29.1961, 52.1997

Protanopia

29.4113, 29.1194, 52.7857

Deuteranopia

29.8060, 29.1096, 52.1919



Tritanopia

27.0120, 29.1364, 37.9184

Trichromacy



Original Color

29.9738, 29.1961, 52.1997

Protanomaly

29.7362, 29.2869, 52.8009

Deuteranomaly

29.8060, 29.1096, 52.1919

Tritanomaly

27.9377, 29.0420, 42.6613

Monochromacy



Original Color

29.9738, 29.1961, 52.1997

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.7216, 29.5315, 38.8367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9738, 29.1961, 52.1997 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(140, 144, 189)` looks like.

```
.text, #text, p{  
    color:rgb(140, 144, 189)  
}
```

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(140, 144, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 144, 189) }
```

Border

The CSS property to change the border of an element to XYZ 29.9738, 29.1961, 52.1997 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(140, 144, 189) }
```


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

```
.border{ border-color:rgb(140, 144, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 144, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 144, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 144, 189);  
box-shadow:4px 4px 4px 4px rgb(140, 144,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9738, 29.1961, 52.1997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 144, 189) }
```

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

```
.background{ background-color: rgb(140,  
144, 189) }
```

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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