

Converting Colors

XYZ(29.0874, 30.8200, 38.2897)

Have a look what the booklet for
XYZ(29.0874, 30.8200, 38.2897)
contains.

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Color

**XYZ(29.1629, 30.9590,
38.1568)**

Conversions

Conversions Part 1

Format	Color
Hex	9098A1
RGB	144, 152, 161
RGB Percent	56%, 60%, 63%
CMY	0.4353, 0.4039, 0.3686
CMYK	0.11, 0.06, 0.00, 0.37
HSL	212°, 8%, 60%
HSV	212°, 11%, 63%
XYZ	29.1629, 30.9590, 38.1568
YIQ	150.6340, -7.6570, 1.1030

Conversions

Conversions Part 2

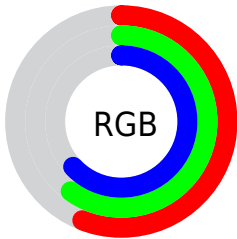
Format	Color
RYB	144, 149, 161
Decimal	9476257
CIELab	62.47, -1.01, -5.71
CIELCh	62, 5.795, 259.967
Yxy	30.9590, 0.2967, 0.3150
Android (android.graphics.Color)	4287666337 (0xFF9098A1)
YUV	150.6340, 5.1104, -5.8180
Hunter-Lab	55.6408, -3.8146, -1.7107

Details

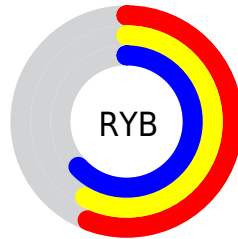
The XYZ color **29.1629, 30.9590, 38.1568** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.1234, 32.3730, 30.9945**, and the grayscale version is **29.2411, 30.7639, 33.5019**.

A 20% lighter version of the original color is **57.7547, 61.1062, 73.7164**, and **12.0842, 12.8128, 16.5881** is the 20% darker color. If you saturate the color by 10%, you get **25.2154, 26.9448, 37.5905**, and if you desaturate by 10%, it is **33.6127, 35.3814, 38.7764**.

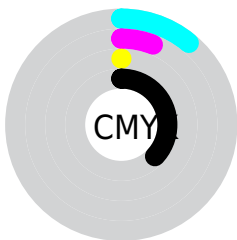
Distribution



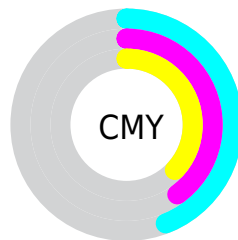
- Red (56%)
- Green (60%)
- Blue (63%)



- Red (56%)
- Yellow (58%)
- Blue (63%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (37%)



- Cyan (44%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1629, 30.9590, 38.1568 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 29.1629, 30.9590, 38.1568 by changing the saturation by 10% instead.

■ 29.1629, 30.9590,
38.1568

■ 29.1629, 30.9590,
38.1568

289.9631,
306.3494, 353.6105

■ 19.3490, 20.5676,
25.8016

■ 57.7316, 61.1755,
73.5545

■ 12.0282, 12.8083,
16.4509

■ 77.2170, 81.7694,
97.4341

■ 6.8352, 7.2967,
9.6860

100.6571,
106.5330, 125.9923

■ 3.4047, 3.6483,
5.0884

128.4170,
135.8506, 159.6475

■ 1.3712, 1.4789,
2.2396

160.8623,
170.1067, 198.8185

■ 0.2356, 0.2738,
0.6971

198.3581,

■ 0.0000, 0.0000,

209.6856, 243.9236

0.0000

241.2700,
254.9717, 295.3814

■ 29.1629, 30.9590,
38.1568

■ 29.1629, 30.9590,
38.1568

■ 25.2154, 26.9448,
37.5905

■ 33.6127, 35.3814,
38.7764

■ 21.7484, 23.3219,
37.0740

■ 38.5799, 40.2202,
39.4485

■ 18.7427, 20.0781,
36.6063

■ 44.0825, 45.4883,
40.1754

■ 16.1765, 17.1988,
36.1858

■ 50.1365, 51.1971,
40.9582

■ 14.0261, 14.6685,
35.8107

■ 56.7575, 57.3570,
41.7982

■ 12.2655, 12.4701,
35.4792

■ 63.9604, 63.9786,
42.6967

■ 10.8651, 10.5848,
35.1891

■ 71.1302, 70.7475,
43.6253

■ 9.7906, 8.9910,
34.9381

■ 73.3124, 75.1119,
44.3527

■ 9.0028, 7.7127,
34.7328

■ 75.6087, 79.7044,
45.1181

Harmonies

Analogous

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



28.4634, 30.9590, 37.1356



29.1629, 30.9590, 38.1568



29.9451, 30.9590, 37.9463

Triad

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



29.1629, 30.9590, 38.1568



30.8701, 30.9590, 32.2515



28.2827, 30.9590, 30.9990

Complementary

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



29.1629, 30.9590, 38.1568



31.1234, 32.3730, 30.9945

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.



28.9121, 30.9590, 29.7996



29.1629, 30.9590, 38.1568



30.4092, 30.9590, 30.5001

Square

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



29.1629, 30.9590, 38.1568



30.9402, 30.9590, 34.4693



29.6899, 30.9590, 29.6212



27.9613, 30.9590, 32.9601

Rectangle

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



29.1629, 30.9590, 38.1568



30.4078, 30.9590, 37.1390



29.6899, 30.9590, 29.6212



28.4647, 30.9590, 30.4971

Sweetspot

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



29.1638, 30.9603, 38.1575



58.1209, 61.3173, 69.1587



29.9789, 33.7123, 34.9709



12.6076, 13.3101, 15.1483



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



29.1638, 30.9603, 38.1575



50.2436, 53.4449, 68.0543



27.9581, 28.4753, 37.7414



6.9625, 7.3840, 8.9614



7.2304, 6.2402, 27.7532



0.1992, 0.2256, 0.5989

Inverse Universe

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



30.3394, 29.7913, 33.8585



52.8516, 50.9189, 58.5022



32.4203, 35.0515, 31.4431



7.2060, 7.1389, 8.0715



12.7950, 6.4741, 6.1113



0.2927, 0.1456, 0.2540

Previews

White Background



This preview shows how the XYZ color 29.1629, 30.9590, 38.1568 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 29.1629, 30.9590, 38.1568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

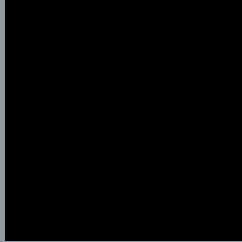
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

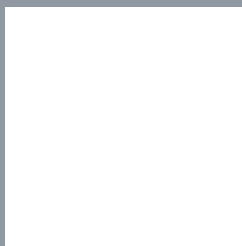
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.1629, 30.9590, 38.1568

Background



This preview shows how black text looks on a background with the XYZ color 29.1629, 30.9590, 38.1568.



This preview shows how white text looks on a background with the XYZ color 29.1629, 30.9590,

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

29.1629, 30.9590, 38.1568

Protanopia

30.0140, 30.9301, 37.6459

Deuteranopia

31.4525, 30.9497, 38.4986



Tritanopia

29.4307, 31.0661, 39.5672

Trichromacy



Original Color

29.1629, 30.9590, 38.1568

Protanomaly

29.6245, 30.9672, 37.6736

Deuteranomaly

30.5955, 30.9736, 38.5484

Tritanomaly

29.3407, 31.0301, 39.0933

Monochromacy



Original Color

29.1629, 30.9590, 38.1568

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.1957, 30.7957, 35.4157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1629, 30.9590, 38.1568 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(144, 152, 161) looks like.

```
.text, #text, p{  
    color:rgb(144, 152, 161)  
}
```

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(144, 152, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 152, 161) }
```

Border

The CSS property to change the border of an element to XYZ 29.1629, 30.9590, 38.1568 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(144, 152, 161) }
```


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

```
.border{ border-color:rgb(144, 152, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 152, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 152, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 152, 161);  
box-shadow:4px 4px 4px 4px rgb(144, 152,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1629, 30.9590, 38.1568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 152, 161) }
```

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

```
.background{ background-color: rgb(144,  
152, 161) }
```

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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