

Converting Colors

XYZ(29.1106, 32.7337, 57.1003)

Have a look what the booklet for
XYZ(29.1106, 32.7337, 57.1003)
contains.

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Color

**XYZ(29.1391, 32.7903,
57.0179)**

Conversions

Conversions Part 1

Format	Color
Hex	6EA1C4
RGB	110, 161, 196
RGB Percent	43%, 63%, 77%
CMY	0.5686, 0.3686, 0.2314
CMYK	0.44, 0.18, 0.00, 0.23
HSL	204°, 42%, 60%
HSV	204°, 44%, 77%
XYZ	29.1391, 32.7903, 57.0179
YIQ	149.7410, -41.6310, 0.0730

Conversions

Conversions Part 2

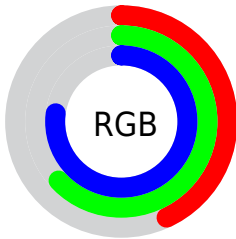
Format	Color
R _Y B	110, 142, 196
Decimal	7250372
CIE Lab	63.99, -7.64, -23.29
CIE LCh	64, 24.513, 251.832
Yxy	32.7903, 0.2450, 0.2757
Android (android.graphics.Color)	4285440452 (0xFF6EA1C4)
YUV	149.7410, 22.8057, -34.8529
Hunter-Lab	57.2628, -9.3773, -18.9524

Details

The XYZ color **29.1391, 32.7903, 57.0179** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **35.7056, 33.1131, 19.2625**, and the grayscale version is **28.7998, 30.2996, 32.9963**.

A 20% lighter version of the original color is **57.8025, 64.2029, 102.2744**, and **12.0340, 13.9171, 27.6432** is the 20% darker color. If you saturate the color by 10%, you get **25.6153, 28.9706, 56.4669**, and if you desaturate by 10%, it is **33.2933, 37.0684, 57.6253**.

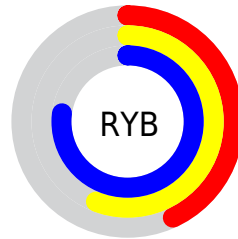
Distribution



Red (43%)

Green (63%)

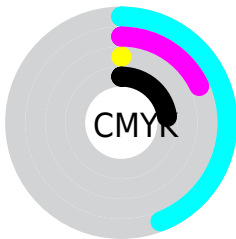
Blue (77%)



Red (43%)

Yellow (56%)

Blue (77%)

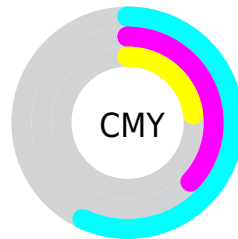


Cyan (44%)

Magenta (18%)

Yellow (0%)

Black (23%)



Cyan (57%)

Magenta (37%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1391, 32.7903, 57.0179 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 29.1391, 32.7903, 57.0179 by changing the saturation by 10% instead.

■ 29.1391, 32.7903,
57.0179

■ 29.1391, 32.7903,
57.0179

289.8531,
314.7038, 431.0120

■ 19.3309, 21.9659,
40.6102

■ 57.6940, 64.0480,
101.9919

■ 12.0150, 13.8318,
27.6972

■ 77.1715, 85.2500,
131.3952

■ 6.8262, 8.0038,
17.8605

■ 100.6027,
110.6801, 165.9675

■ 3.3990, 4.0974,
10.6815

■ 128.3531,
140.7225, 206.1273

■ 1.3681, 1.7282,
5.7416

160.7879,
175.7616, 252.2931

■ 0.2333, 0.4418,
2.6224

198.2727,

■ 0.0000, 0.0000,

216.1820, 304.8834

0.9040

241.1726,
262.3679, 364.3169

■ 0.0000, 0.0000,
0.0000

■ 29.1391, 32.7903,
57.0179

■ 29.1391, 32.7903,
57.0179

■ 25.6153, 28.9706,
56.4669

■ 33.2933, 37.0684,
57.6253

■ 22.6811, 25.5837,
55.9679

■ 38.1091, 41.8213,
58.2889

■ 20.2955, 22.6068,
55.5190

■ 43.6190, 47.0687,
59.0113

■ 18.4103, 20.0123,
55.1176

■ 49.8526, 52.8282,
59.7945

■ 16.9675, 17.7676,
54.7603

■ 56.8376, 59.1162,
60.6400

■ 16.2364, 16.5306,
54.5601

■ 64.6002, 65.9484,
61.5496

■ 73.1653, 73.3397,
62.5249

■ 78.0793, 78.9964,
63.3577

■ 80.2841, 83.4059,
64.0927

Harmonies

Analogous

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



26.4710, 32.7903, 49.9644



29.1391, 32.7903, 57.0179



32.5491, 32.7903, 57.7653

Triad

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



29.1391, 32.7903, 57.0179



38.1355, 32.7903, 31.9403



26.9397, 32.7903, 23.3138

Complementary

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



29.1391, 32.7903, 57.0179



35.7056, 33.1131, 19.2625

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.



29.8230, 32.7903, 20.1236



29.1391, 32.7903, 57.0179



36.3862, 32.7903, 24.4519

Square

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



29.1391, 32.7903, 57.0179



37.9183, 32.7903, 41.9742



33.2852, 32.7903, 20.4976



25.2673, 32.7903, 30.0899

Rectangle

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



29.1391, 32.7903, 57.0179



34.8052, 32.7903, 54.4426



33.2852, 32.7903, 20.4976



27.7901, 32.7903, 21.8484

Sweetspot

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



29.1402, 32.7915, 57.0187



79.7345, 85.9383, 106.9930



31.2359, 44.8215, 33.5523



16.5593, 17.9182, 22.8357



0.0000, 0.0000, 0.0000



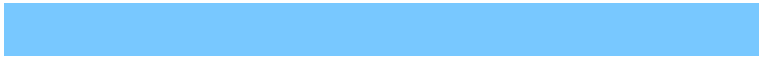
20.3446, 21.4041, 23.3091

Same Dimension

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



29.1402, 32.7915, 57.0187



46.4288, 52.5101, 102.2961



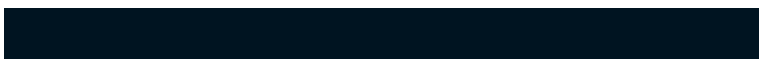
22.9445, 20.4003, 54.9535



10.0137, 10.7186, 12.8260



10.5188, 10.7941, 35.0857



0.5208, 0.5990, 1.5381

Inverse Universe

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



34.7748, 25.4619, 36.8013



58.3636, 38.8269, 59.0608



43.4354, 48.5729, 21.8392



10.3182, 10.1759, 11.7661



16.7054, 8.3719, 11.6265



0.7553, 0.3751, 0.6786

Previews

White Background



This preview shows how the XYZ color 29.1391, 32.7903, 57.0179 looks on a white background.

Color Contrast Check

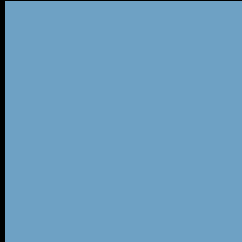
Large Text (above 18pt) WCAG AA × Fail

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 29.1391, 32.7903, 57.0179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

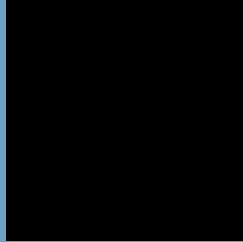
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.1391, 32.7903, 57.0179

Background



This preview shows how black text looks on a background with the XYZ color 29.1391, 32.7903, 57.0179.



This preview shows how white text looks on a background with the XYZ color 29.1391, 32.7903,

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

29.1391, 32.7903, 57.0179

Protanopia

32.5396, 32.6112, 53.2948

Deuteranopia

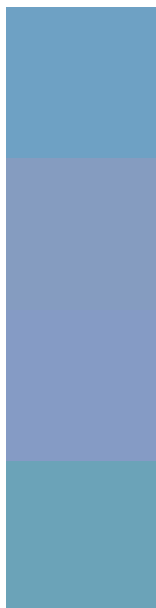
33.2753, 32.6447, 57.9733



Tritanopia

27.0370, 32.7285, 46.4872

Trichromacy



Original Color

29.1391, 32.7903, 57.0179

Protanomaly

31.0758, 32.5693, 54.5178

Deuteranomaly

31.4723, 32.4605, 57.4301

Tritanomaly

27.8123, 32.7809, 50.2089

Monochromacy



Original Color

29.1391, 32.7903, 57.0179

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.5223, 31.0521, 41.0496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1391, 32.7903, 57.0179 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(110, 161, 196)` looks like.

```
.text, #text, p{  
    color:rgb(110, 161, 196)  
}
```

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(110, 161, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 161, 196) }
```

Border

The CSS property to change the border of an element to XYZ 29.1391, 32.7903, 57.0179 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(110, 161, 196) }
```


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

```
.border{ border-color:rgb(110, 161, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 161, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 161, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 161, 196);  
box-shadow:4px 4px 4px 4px rgb(110, 161,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1391, 32.7903, 57.0179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 161, 196) }
```

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

```
.background{ background-color: rgb(110,  
161, 196) }
```

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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