

Converting Colors

XYZ(24.1086, 28.1233, 56.6373)

Have a look what the booklet for
XYZ(24.1086, 28.1233, 56.6373)
contains.

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Color

**XYZ(24.1027, 28.1845,
56.3943)**

Conversions

Conversions Part 1

Format	Color
Hex	4999C4
RGB	73, 153, 196
RGB Percent	29%, 60%, 77%
CMY	0.7137, 0.4000, 0.2314
CMYK	0.63, 0.22, 0.00, 0.23
HSL	201°, 51%, 53%
HSV	201°, 63%, 77%
XYZ	24.1027, 28.1845, 56.3943
YIQ	133.9820, -61.4830, -3.5870

Conversions

Conversions Part 2

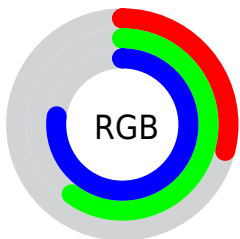
Format	Color
R_{YB}	73, 121, 196
Decimal	4823492
CIE _{Lab}	60.06, -11.34, -29.49
CIE _{LCh}	60, 31.593, 248.957
Yxy	28.1845, 0.2218, 0.2593
Android (android.graphics.Color)	4283013572 (0xFF4999C4)
YUV	133.9820, 30.5749, -53.4812
Hunter-Lab	53.0891, -11.8660, -25.8189

Details

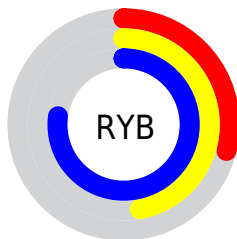
The XYZ color **24.1027, 28.1845, 56.3943** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **30.2140, 24.7089, 9.4813**, and the grayscale version is **22.5619, 23.7369, 25.8494**.

A 20% lighter version of the original color is **49.5582, 56.6230, 101.2459**, and **9.6339, 11.4557, 27.2946** is the 20% darker color. If you saturate the color by 10%, you get **21.7556, 25.3576, 55.9729**, and if you desaturate by 10%, it is **26.9840, 31.3834, 56.8604**.

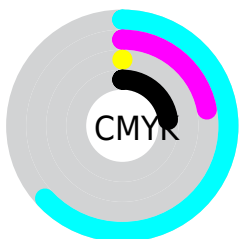
Distribution



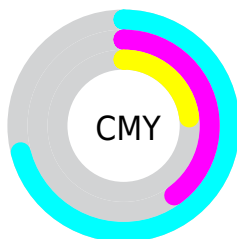
- Red (29%)
- Green (60%)
- Blue (77%)



- Red (29%)
- Yellow (47%)
- Blue (77%)



- Cyan (63%)
- Magenta (22%)
- Yellow (0%)
- Black (23%)



- Cyan (71%)
- Magenta (40%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1027, 28.1845, 56.3943 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 24.1027, 28.1845, 56.3943 by changing the saturation by 10% instead.

■ 24.1027, 28.1845,
56.3943

■ 24.1027, 28.1845,
56.3943

265.7701,
293.3475, 428.6058

■ 15.5350, 18.4648,
40.1130

■ 49.6512, 56.7789,
101.0724

■ 9.2844, 11.2842,
27.3122

■ 67.3627, 76.4223,
130.3063

■ 4.9858, 6.2583,
17.5733

■ 88.8528, 100.1425,
164.6948

■ 2.2736, 3.0028,
10.4778

■ 114.4869,
128.3237, 204.6565

■ 0.7811, 1.1332,
5.6072

■ 144.6303,
161.3504, 250.6099

■ 0.0000, 0.0061,
2.5428

179.6484,

■ 0.0000, 0.0000,

199.6070, 302.9736

0.8627

219.9066,
243.4779, 362.1660

■ 0.0000, 0.0000,
0.0000

■ 24.1027, 28.1845,
56.3943

■ 24.1027, 28.1845,
56.3943

■ 21.7556, 25.3576,
55.9729

■ 26.9840, 31.3834,
56.8604

■ 19.8931, 22.8740,
55.5917

■ 30.4374, 34.9739,
57.3715

■ 18.4601, 20.7043,
55.2484

■ 34.5004, 38.9774,
57.9301

■ 17.6153, 19.2884,
55.0197

■ 39.2064, 43.4125,
58.5381

■ 44.5862, 48.2966,
59.1973

■ 50.6685, 53.6459,
59.9092

■ 57.4803, 59.4757,
60.6755

■ 65.0471, 65.8004,
61.4974

■ 73.3931, 72.6340,
62.3766

Harmonies

Analogous

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



21.2059, 28.1845, 46.8538



24.1027, 28.1845, 56.3943



28.0126, 28.1845, 58.2271

Triad

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



24.1027, 28.1845, 56.3943



35.1905, 28.1845, 27.3624



22.2080, 28.1845, 16.4694

Complementary

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



24.1027, 28.1845, 56.3943



30.2140, 24.7089, 9.4813

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.



25.6006, 28.1845, 13.5783



24.1027, 28.1845, 56.3943



33.2738, 28.1845, 18.7478

Square

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



24.1027, 28.1845, 56.3943



34.6868, 28.1845, 39.3614



29.6668, 28.1845, 14.2923



20.1906, 28.1845, 23.3928

Rectangle

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



24.1027, 28.1845, 56.3943



30.7161, 28.1845, 54.4752



29.6668, 28.1845, 14.2923



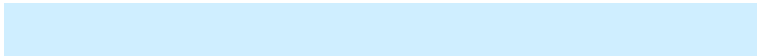
23.2109, 28.1845, 15.0839

Sweetspot

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



24.1037, 28.1855, 56.3950



74.2492, 81.6059, 106.4459



25.5258, 42.1120, 22.7040



15.3096, 16.9323, 22.7113



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.



24.1037, 28.1855, 56.3950



38.1612, 44.3277, 101.1525



16.6709, 13.3200, 53.9174



10.0626, 10.8165, 12.8423



11.4017, 12.5599, 35.3800



0.5552, 0.6678, 1.5495

Inverse Universe

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



30.8981, 18.8018, 32.1386



52.1515, 28.5355, 50.4150



39.3958, 43.0726, 12.5419



10.3429, 10.1858, 11.8962



17.1510, 8.5502, 13.9732



0.7726, 0.3821, 0.7701

Previews

White Background



This preview shows how the XYZ color 24.1027, 28.1845, 56.3943 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 24.1027, 28.1845, 56.3943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

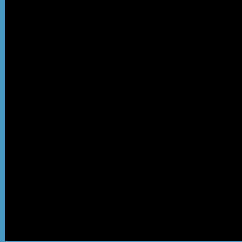
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.1027, 28.1845, 56.3943

Background



This preview shows how black text looks on a background with the XYZ color 24.1027, 28.1845, 56.3943.

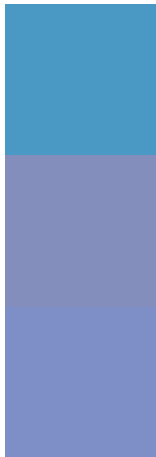


This preview shows how white text looks on a background with the XYZ color 24.1027, 28.1845,

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

24.1027, 28.1845, 56.3943

Protanopia

28.2658, 27.8824, 51.4690

Deuteranopia

28.4702, 27.8588, 57.3028



Tritanopia

21.3460, 28.3167, 42.3708

Trichromacy



Original Color

24.1027, 28.1845, 56.3943

Protanomaly

26.2384, 27.6989, 53.2537

Deuteranomaly

26.4203, 27.7148, 56.7803

Tritanomaly

22.2051, 28.1554, 46.9120

Monochromacy



Original Color

24.1027, 28.1845, 56.3943

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.2928, 24.9288, 35.5351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1027, 28.1845, 56.3943 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(73, 153, 196)` looks like.

```
.text, #text, p{  
    color:rgb(73, 153, 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(73, 153, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 153, 196) }
```

Border

The CSS property to change the border of an element to XYZ 24.1027, 28.1845, 56.3943 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(73, 153, 196) }
```


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

```
.border{ border-color:rgb(73, 153, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 153, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 153, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 153, 196);  
box-shadow:4px 4px 4px 4px rgb(73, 153,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1027, 28.1845, 56.3943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 153, 196) }
```

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

```
.background{ background-color: rgb(73, 153,  
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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