

Converting Colors

XYZ(24.1531, 29.0803, 46.9405)

Have a look what the booklet for
XYZ(24.1531, 29.0803, 46.9405)
contains.

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Color

**XYZ(24.2416, 29.2053,
47.0073)**

Conversions

Conversions Part 1

Format	Color
Hex	5A9CB3
RGB	90, 156, 179
RGB Percent	35%, 61%, 70%
CMY	0.6470, 0.3882, 0.2980
CMYK	0.50, 0.13, 0.00, 0.30
HSL	196°, 37%, 53%
HSV	196°, 50%, 70%
XYZ	24.2416, 29.2053, 47.0073
YIQ	138.8880, -46.7190, -6.8390

Conversions

Conversions Part 2

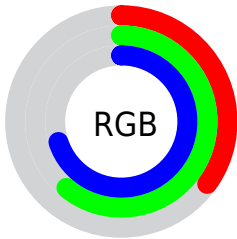
Format	Color
R_{YB}	90, 128, 179
Decimal	5938355
CIE _{Lab}	60.96, -14.65, -18.46
CIE _{LCh}	61, 23.569, 231.575
Yxy	29.2053, 0.2413, 0.2907
Android (android.graphics.Color)	4284128435 (0xFF5A9CB3)
YUV	138.8880, 19.7752, -42.8748
Hunter-Lab	54.0419, -14.5036, -13.7429

Details

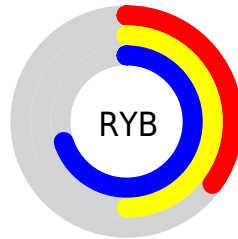
The XYZ color **24.2416, 29.2053, 47.0073** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.3416, 22.1328, 12.5574**, and the grayscale version is **24.4376, 25.7103, 27.9985**.

A 20% lighter version of the original color is **49.9667, 58.6064, 87.2759**, and **9.3825, 11.9008, 21.5412** is the 20% darker color. If you saturate the color by 10%, you get **21.9444, 26.8912, 46.6822**, and if you desaturate by 10%, it is **26.9895, 31.7969, 47.3632**.

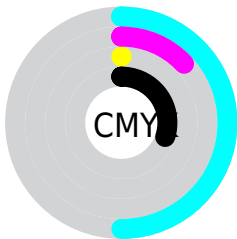
Distribution



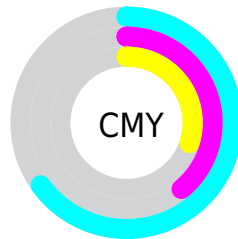
- Red (35%)
- Green (61%)
- Blue (70%)



- Red (35%)
- Yellow (50%)
- Blue (70%)



- Cyan (50%)
- Magenta (13%)
- Yellow (0%)
- Black (30%)



- Cyan (65%)
- Magenta (39%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2416, 29.2053, 47.0073 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 24.2416, 29.2053, 47.0073 by changing the saturation by 10% instead.

■ 24.2416, 29.2053,
47.0073

■ 24.2416, 29.2053,
47.0073

266.4575,
298.1824, 391.2383

■ 15.6386, 19.2362,
32.6870

■ 49.8760, 58.4031,
87.0746

■ 9.3580, 11.8411,
21.6177

■ 67.6381, 78.4006,
113.6587

■ 5.0344, 6.6355,
13.3806

■ 89.1840, 102.5096,
145.1679

■ 2.3024, 3.2352,
7.5574

■ 114.8790,
131.1147, 182.0207

■ 0.7959, 1.2557,
3.7294

145.0886,
164.6001, 224.6355

■ 0.0000, 0.1065,
1.4781

180.1779,

■ 0.0000, 0.0000,

203.3502, 273.4311

0.2015

220.5124,
247.7495, 328.8258

■ 0.0000, 0.0000,
0.0000

■ 24.2416, 29.2053,
47.0073

■ 24.2416, 29.2053,
47.0073

■ 21.9444, 26.8912,
46.6822

■ 26.9895, 31.7969,
47.3632

■ 20.0642, 24.8348,
46.3844

■ 30.2131, 34.6775,
47.7493

■ 18.5667, 23.0187,
46.1128

■ 33.9390, 37.8618,
48.1676

■ 17.4108, 21.4211,
45.8653

■ 38.1907, 41.3625,
48.6192

■ 16.5134, 19.9986,
45.6381

■ 42.9904, 45.1914,
49.1053

■ 16.4893, 19.9598,
45.6319

■ 48.3588, 49.3597,
49.6269

■ 54.3156, 53.8780,
50.1851

■ 60.8796, 58.7563,
50.7807

■ 68.0686, 64.0043,
51.4148

Harmonies

Analogous

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



22.6122, 29.2053, 38.4462



24.2416, 29.2053, 47.0073



26.9008, 29.2053, 51.6791

Triad

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



24.2416, 29.2053, 47.0073



34.0325, 29.2053, 34.3475



25.6395, 29.2053, 18.5015

Complementary

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



24.2416, 29.2053, 47.0073



26.3416, 22.1328, 12.5574

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.



28.6347, 29.2053, 17.8104



24.2416, 29.2053, 47.0073



33.6324, 29.2053, 25.9669

Square

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



24.2416, 29.2053, 47.0073



32.6567, 29.2053, 43.5360



31.6007, 29.2053, 20.2863



23.3768, 29.2053, 22.3883

Rectangle

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



24.2416, 29.2053, 47.0073



28.9629, 29.2053, 51.4558



31.6007, 29.2053, 20.2863



26.5885, 29.2053, 17.9205

Sweetspot

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



24.2425, 29.2064, 47.0080



64.0645, 70.5370, 86.6196



23.2759, 35.5899, 21.0460



13.8490, 15.3422, 19.1537



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



24.2425, 29.2064, 47.0080



38.8245, 47.6586, 83.5339



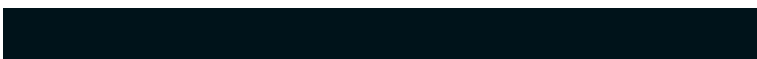
18.1758, 17.0729, 44.9857



8.5531, 9.2524, 10.8414



11.7066, 14.2136, 32.2635



0.4123, 0.5351, 1.0298

Inverse Universe

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



28.2481, 19.2972, 33.6896



47.1654, 28.9501, 55.3688



32.4512, 34.3521, 14.5940



8.7544, 8.6085, 10.2050



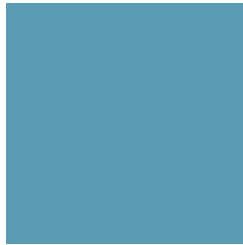
16.1436, 7.9750, 16.4481



0.5301, 0.2598, 0.6343

Previews

White Background



This preview shows how the XYZ color 24.2416, 29.2053, 47.0073 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 24.2416, 29.2053, 47.0073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

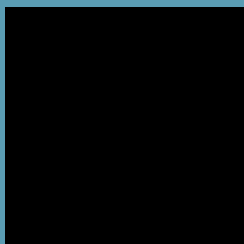
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

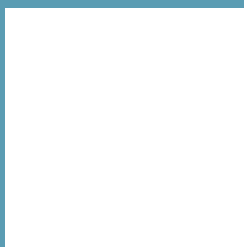
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.2416, 29.2053, 47.0073

Background



This preview shows how black text looks on a background with the XYZ color 24.2416, 29.2053, 47.0073.



This preview shows how white text looks on a background with the XYZ color 24.2416, 29.2053,

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

24.2416, 29.2053, 47.0073

Protanopia

28.5563, 28.8921, 43.1014

Deuteranopia

29.5937, 28.8620, 48.2671



Tritanopia

23.2431, 29.0425, 42.4109

Trichromacy



Original Color

24.2416, 29.2053, 47.0073

Protanomaly

26.5113, 28.7276, 44.7051

Deuteranomaly

27.2426, 28.8011, 47.8394

Tritanomaly

23.6243, 29.2058, 43.9273

Monochromacy



Original Color

24.2416, 29.2053, 47.0073

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.8433, 26.6488, 34.4589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2416, 29.2053, 47.0073 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(90, 156, 179)` looks like.

```
.text, #text, p{  
    color:rgb(90, 156, 179)  
}
```

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(90, 156, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 156, 179) }
```

Border

The CSS property to change the border of an element to XYZ 24.2416, 29.2053, 47.0073 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(90, 156, 179) }
```


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

```
.border{ border-color:rgb(90, 156, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 156, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 156, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 156, 179);  
box-shadow:4px 4px 4px 4px rgb(90, 156,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2416, 29.2053, 47.0073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 156, 179) }
```

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

```
.background{ background-color: rgb(90, 156,  
179) }
```

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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