

Converting Colors

XYZ(24.5574, 27.0705, 61.0575)

Have a look what the booklet for
XYZ(24.5574, 27.0705, 61.0575)
contains.

XYZ(24.6309, 27.1591, 61.0708)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.6309, 27.1591,
61.0708)**

Conversions

Conversions Part 1

Format	Color
Hex	4E94CC
RGB	78, 148, 204
RGB Percent	31%, 58%, 80%
CMY	0.6941, 0.4196, 0.2000
CMYK	0.62, 0.27, 0.00, 0.20
HSL	207°, 55%, 55%
HSV	207°, 62%, 80%
XYZ	24.6309, 27.1591, 61.0708
YIQ	133.4540, -59.6960, 2.5760

Conversions

Conversions Part 2

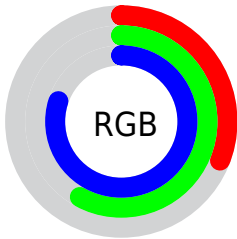
Format	Color
R_{YB}	78, 123, 204
Decimal	5149900
CIE _{Lab}	59.12, -5.02, -35.42
CIE _{LCh}	59, 35.773, 261.927
Yxy	27.1591, 0.2182, 0.2406
Android (android.graphics.Color)	4283339980 (0xFF4E94CC)
YUV	133.4540, 34.7792, -48.6332
Hunter-Lab	52.1144, -6.8355, -32.9995

Details

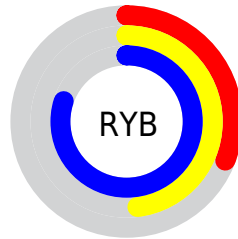
The XYZ color **24.6309, 27.1591, 61.0708** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **34.8035, 30.4397, 11.2502**, and the grayscale version is **22.3535, 23.5177, 25.6107**.

A 20% lighter version of the original color is **49.4871, 54.7794, 102.5730**, and **9.8727, 10.9374, 30.4449** is the 20% darker color. If you saturate the color by 10%, you get **21.8445, 23.6938, 60.5493**, and if you desaturate by 10%, it is **28.0489, 31.1163, 61.6550**.

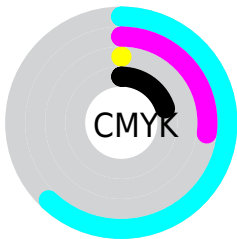
Distribution



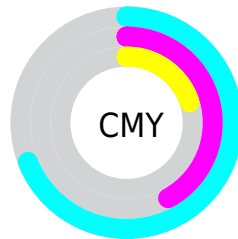
- Red (31%)
- Green (58%)
- Blue (80%)



- Red (31%)
- Yellow (48%)
- Blue (80%)



- Cyan (62%)
- Magenta (27%)
- Yellow (0%)
- Black (20%)



- Cyan (69%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6309, 27.1591, 61.0708 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 24.6309, 27.1591, 61.0708 by changing the saturation by 10% instead.

■ 24.6309, 27.1591,
61.0708

■ 24.6309, 27.1591,
61.0708

268.3764,
288.4266, 446.4473

■ 15.9295, 17.6927,
43.8514

■ 50.5050, 55.1391,
107.9400

■ 9.5648, 10.7296,
30.2174

■ 68.4085, 74.4215,
138.4268

■ 5.1714, 5.8853,
19.7502

■ 90.1100, 97.7447,
174.1732

■ 2.3840, 2.7755,
12.0313

■ 115.9750,
125.4931, 215.5977

■ 0.8371, 1.0157,
6.6422

146.3688,
158.0511, 263.1188

■ 0.0000, 0.0000,
3.1643

181.6567,

■ 0.0000, 0.0000,

195.8031, 317.1551

1.1791

222.2042,
239.1335, 378.1250

■ 0.0000, 0.0000,
0.0000

■ 24.6309, 27.1591,
61.0708

■ 24.6309, 27.1591,
61.0708

■ 21.8445, 23.6938,
60.5493

■ 28.0489, 31.1163,
61.6550

■ 19.6346, 20.6869,
60.0854

■ 32.1415, 35.5899,
62.3028

■ 17.9401, 18.1034,
59.6761

■ 36.9509, 40.6055,
63.0174

■ 16.8413, 16.2438,
59.3750

■ 42.5147, 46.1861,
63.8013

■ 48.8680, 52.3530,
64.6568

■ 56.0432, 59.1262,
65.5860

■ 64.0710, 66.5246,
66.5909

■ 72.9806, 74.5664,
67.6736

■ 80.3262, 81.9938,
68.7200

Harmonies

Analogous

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



20.8891, 27.1591, 53.3591



24.6309, 27.1591, 61.0708



29.1424, 27.1591, 58.6236

Triad

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



24.6309, 27.1591, 61.0708



34.5920, 27.1591, 21.3330



19.6474, 27.1591, 16.8889

Complementary

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



24.6309, 27.1591, 61.0708



34.8035, 30.4397, 11.2502

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.



22.7490, 27.1591, 12.1677



24.6309, 27.1591, 61.0708



31.4576, 27.1591, 14.1724

Square

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



24.6309, 27.1591, 61.0708



35.2452, 27.1591, 33.1480



27.0342, 27.1591, 11.3410



18.2358, 27.1591, 26.2622

Rectangle

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



24.6309, 27.1591, 61.0708



31.9631, 27.1591, 51.8046



27.0342, 27.1591, 11.3410



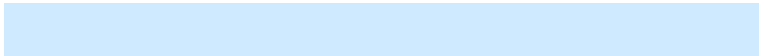
20.5088, 27.1591, 14.8310

Sweetspot

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



24.6319, 27.1601, 61.0715



72.9275, 78.9626, 106.0054



28.9419, 46.4887, 29.4952



14.9894, 16.2919, 22.6046



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.



24.6319, 27.1601, 61.0715



34.9046, 37.5638, 100.0186



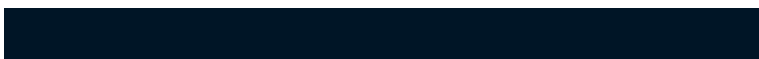
17.4021, 12.7005, 58.6615



11.1099, 11.8602, 14.2741



10.6942, 10.4123, 37.4024



0.6267, 0.6871, 1.9545

Inverse Universe

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



32.9724, 20.4255, 30.2224



50.5689, 28.1368, 41.3589



45.9276, 52.6879, 14.9583



11.4688, 11.3163, 13.0034



17.6088, 8.8541, 10.9246



0.9463, 0.4719, 0.7629

Previews

White Background



This preview shows how the XYZ color 24.6309, 27.1591, 61.0708 looks on a white background.

Color Contrast Check

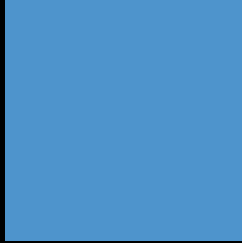
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6309, 27.1591, 61.0708 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

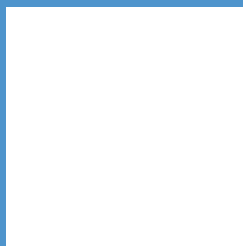
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6309, 27.1591, 61.0708

Background



This preview shows how black text looks on a background with the XYZ color 24.6309, 27.1591, 61.0708.

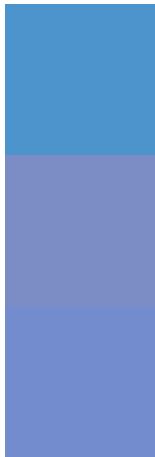


This preview shows how white text looks on a background with the XYZ color 24.6309, 27.1591,

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

24.6309, 27.1591, 61.0708

Protanopia

27.7683, 27.0725, 56.5853

Deuteranopia

27.5889, 26.8572, 62.1224



Tritanopia

20.6209, 27.2248, 40.7273

Trichromacy



Original Color

24.6309, 27.1591, 61.0708

Protanomaly

26.3112, 26.9409, 58.4569

Deuteranomaly

26.3214, 26.8775, 61.5582

Tritanomaly

21.7812, 26.9451, 47.2329

Monochromacy



Original Color

24.6309, 27.1591, 61.0708

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.1565, 24.1909, 36.3024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6309, 27.1591, 61.0708 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(78, 148, 204)` looks like.

```
.text, #text, p{  
    color:rgb(78, 148, 204)  
}
```

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(78, 148, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 148, 204) }
```

Border

The CSS property to change the border of an element to XYZ 24.6309, 27.1591, 61.0708 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(78, 148, 204) }
```


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

```
.border{ border-color:rgb(78, 148, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 148, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 148, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 148, 204);  
box-shadow:4px 4px 4px 4px rgb(78, 148,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6309, 27.1591, 61.0708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 148, 204) }
```

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

```
.background{ background-color: rgb(78, 148,  
204) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor