

Converting Colors

XYZ(25.2071, 26.7601, 49.8202)

Have a look what the booklet for
XYZ(25.2071, 26.7601, 49.8202)
contains.

XYZ(25.1606, 26.7643, 49.7389)	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(25.1606, 26.7643,
49.7389)**

Conversions

Conversions Part 1

Format	Color
Hex	6E90B9
RGB	110, 144, 185
RGB Percent	43%, 56%, 73%
CMY	0.5686, 0.4353, 0.2745
CMYK	0.41, 0.22, 0.00, 0.27
HSL	213°, 35%, 58%
HSV	213°, 41%, 73%
XYZ	25.1606, 26.7643, 49.7389
YIQ	138.5080, -33.4250, 5.5430

Conversions

Conversions Part 2

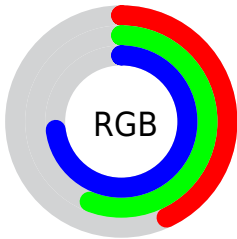
Format	Color
R_{YB}	110, 133, 185
Decimal	7246009
CIE _{Lab}	58.76, -1.18, -25.14
CIE _{LCh}	59, 25.170, 267.317
Yxy	26.7643, 0.2475, 0.2633
Android (android.graphics.Color)	4285436089 (0xFF6E90B9)
YUV	138.5080, 22.9206, -25.0015
Hunter-Lab	51.7342, -3.7226, -20.7893

Details

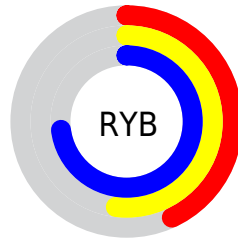
The XYZ color **25.1606, 26.7643, 49.7389** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **33.8893, 33.5739, 19.4470**, and the grayscale version is **24.2765, 25.5408, 27.8139**.

A 20% lighter version of the original color is **51.3811, 54.6316, 91.0560**, and **9.8549, 10.5412, 23.3450** is the 20% darker color. If you saturate the color by 10%, you get **21.6310, 22.7722, 49.1549**, and if you desaturate by 10%, it is **29.3097, 31.2806, 50.3924**.

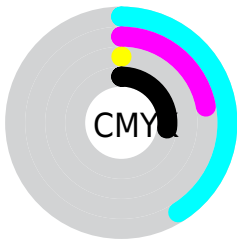
Distribution



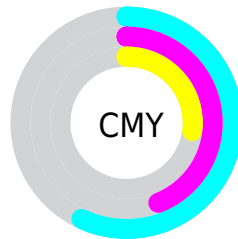
- Red (43%)
- Green (56%)
- Blue (73%)



- Red (43%)
- Yellow (52%)
- Blue (73%)



- Cyan (41%)
- Magenta (22%)
- Yellow (0%)
- Black (27%)



- Cyan (57%)
- Magenta (44%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1606, 26.7643, 49.7389 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 25.1606, 26.7643, 49.7389 by changing the saturation by 10% instead.

■ 25.1606, 26.7643,
49.7389

■ 25.1606, 26.7643,
49.7389

270.9697,
286.5141, 402.3498

■ 16.3261, 17.3963,
34.8363

■ 51.3587, 54.5054,
91.1802

■ 9.8475, 10.5174,
23.2542

■ 69.4530, 73.6473,
118.5560

■ 5.3595, 5.7434,
14.5743

■ 91.3646, 96.8159,
150.9265

■ 2.4966, 2.6897,
8.3779

■ 117.4588,
124.3957, 188.7103

■ 0.8935, 0.9719,
4.2465

148.1011,
156.7710, 232.3261

■ 0.0000, 0.0000,
1.7615

183.6568,

■ 0.0000, 0.0000,

194.3262, 282.1922

0.4024

224.4912,
237.4458, 338.7272

■ 0.0000, 0.0000,
0.0000

■ 25.1606, 26.7643,
49.7389

■ 25.1606, 26.7643,
49.7389

■ 21.6310, 22.7722,
49.1549

■ 29.3097, 31.2806,
50.3924

■ 18.6845, 19.2786,
48.6358

■ 34.1067, 36.3392,
51.1160

■ 16.2849, 16.2598,
48.1796

■ 39.5813, 41.9608,
51.9125

■ 14.3898, 13.6881,
47.7831

■ 45.7603, 48.1642,
52.7842

■ 12.9501, 11.5322,
47.4429

■ 52.6693, 54.9670,
53.7332

■ 11.9172, 9.8231,
47.1674

■ 60.3323, 62.3862,
54.7614

■ 68.7723, 70.4380,
55.8707

■ 76.8976, 78.5638,
57.0109

■ 79.7116, 84.1920,
57.9489

Harmonies

Analogous

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



22.3535, 26.7643, 46.0027



25.1606, 26.7643, 49.7389



28.2736, 26.7643, 47.0948

Triad

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



25.1606, 26.7643, 49.7389



31.1113, 26.7643, 21.9881



20.7439, 26.7643, 20.8606

Complementary

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



25.1606, 26.7643, 49.7389



33.8893, 33.5739, 19.4470

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.



22.7999, 26.7643, 16.4526



25.1606, 26.7643, 49.7389



28.7954, 26.7643, 17.0046

Square

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



25.1606, 26.7643, 49.7389



31.8702, 26.7643, 29.9484



25.7188, 26.7643, 15.1981



19.9364, 26.7643, 28.3498

Rectangle

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



25.1606, 26.7643, 49.7389



30.0774, 26.7643, 42.3162



25.7188, 26.7643, 15.1981



21.3032, 26.7643, 19.0321

Sweetspot

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



25.1615, 26.7653, 49.7395



69.1784, 73.4112, 92.7283



29.2851, 40.2156, 35.0739



14.6321, 15.5388, 19.9497



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.1615, 26.7653, 49.7395



39.1708, 41.2814, 88.1082



21.0796, 18.1332, 48.2885



8.8474, 9.3721, 11.4221



8.1854, 6.8304, 32.1401



0.3505, 0.3647, 1.1537

Inverse Universe

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



30.6183, 23.4806, 29.3051



50.6097, 35.5672, 45.0096



39.5737, 45.8304, 21.5131



9.1693, 9.0781, 10.2391



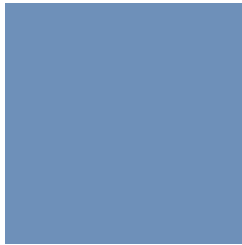
14.7453, 7.4719, 6.5454



0.5511, 0.2759, 0.3955

Previews

White Background



This preview shows how the XYZ color 25.1606, 26.7643, 49.7389 looks on a white background.

Color Contrast Check

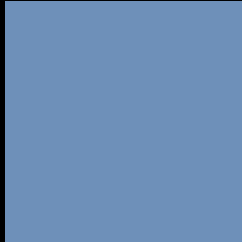
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1606, 26.7643, 49.7389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

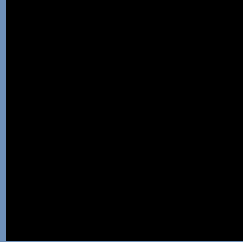
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

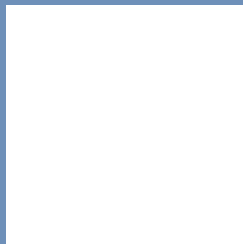
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1606, 26.7643, 49.7389

Background



This preview shows how black text looks on a background with the XYZ color 25.1606, 26.7643, 49.7389.



This preview shows how white text looks on a background with the XYZ color 25.1606, 26.7643,

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

25.1606, 26.7643, 49.7389

Protanopia

26.8820, 26.5885, 47.9712

Deuteranopia

27.3015, 26.7562, 50.1799



Tritanopia

22.6440, 26.6609, 37.2103

Trichromacy



Original Color

25.1606, 26.7643, 49.7389

Protanomaly

26.2405, 26.6796, 48.5664

Deuteranomaly

26.5562, 26.8059, 50.2288

Tritanomaly

23.5390, 26.7962, 41.4677

Monochromacy



Original Color

25.1606, 26.7643, 49.7389

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.4277, 26.0392, 35.1911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1606, 26.7643, 49.7389 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, 144, 185)` looks like.

```
.text, #text, p{  
    color:rgb(110, 144, 185)  
}
```

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, 144, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 144, 185) }
```

Border

The CSS property to change the border of an element to XYZ 25.1606, 26.7643, 49.7389 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, 144, 185) }
```


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

```
.border{ border-color:rgb(110, 144, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 144, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 144, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 144, 185);  
box-shadow:4px 4px 4px 4px rgb(110, 144,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1606, 26.7643, 49.7389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 144, 185) }
```

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

```
.background{ background-color: rgb(110,  
144, 185) }
```

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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