

Converting Colors

XYZ(25.2468, 26.1553, 49.0652)

Have a look what the booklet for
XYZ(25.2468, 26.1553, 49.0652)
contains.

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Color

**XYZ(25.2468, 26.1553,
49.0652)**

Conversions

Conversions Part 1

Format	Color
Hex	738DB8
RGB	115, 141, 184
RGB Percent	45%, 55%, 72%
CMY	0.5490, 0.4470, 0.2784
CMYK	0.37, 0.23, 0.00, 0.28
HSL	217°, 33%, 59%
HSV	217°, 37%, 72%
XYZ	25.2468, 26.1553, 49.0652
YIQ	138.1280, -29.2990, 7.8610

Conversions

Conversions Part 2

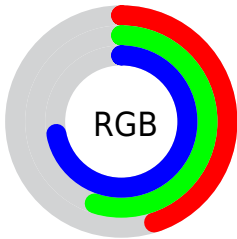
Format	Color
R_{YB}	115, 134, 184
Decimal	7572920
CIE Lab	58.18, 1.65, -25.43
CIE LCh	58, 25.482, 273.714
Yxy	26.1553, 0.2513, 0.2603
Android (android.graphics.Color)	4285763000 (0xFF738DB8)
YUV	138.1280, 22.6149, -20.2833
Hunter-Lab	51.1423, -1.3809, -21.0825

Details

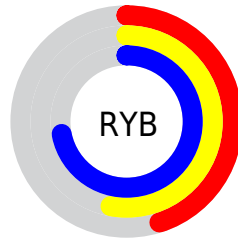
The XYZ color **25.2468, 26.1553, 49.0652** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **35.0890, 35.8823, 21.2970**, and the grayscale version is **24.1314, 25.3881, 27.6477**.

A 20% lighter version of the original color is **51.3821, 53.3099, 90.0198**, and **9.8877, 10.1776, 22.9161** is the 20% darker color. If you saturate the color by 10%, you get **21.4604, 21.8225, 48.4289**, and if you desaturate by 10%, it is **29.6929, 31.0892, 49.7837**.

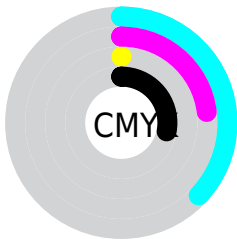
Distribution



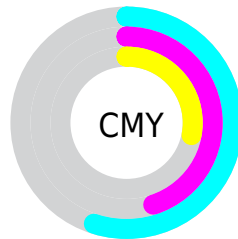
- Red (45%)
- Green (55%)
- Blue (72%)



- Red (45%)
- Yellow (53%)
- Blue (72%)



- Cyan (37%)
- Magenta (23%)
- Yellow (0%)
- Black (28%)



- Cyan (55%)
- Magenta (45%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2468, 26.1553, 49.0652 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 25.2468, 26.1553, 49.0652 by changing the saturation by 10% instead.

■ 25.2468, 26.1553,
49.0652

■ 25.2468, 26.1553,
49.0652

271.3898,
283.5436, 399.6288

■ 16.3907, 16.9399,
34.3052

■ 51.4973, 53.5254,
90.1703

■ 9.8937, 10.1916,
22.8489

■ 69.6225, 72.4488,
117.3525

■ 5.3902, 5.5262,
14.2777

■ 91.5681, 95.3770,
149.5125

■ 2.5151, 2.5592,
8.1731

117.6995,
122.6944, 187.0689

■ 0.9029, 0.9062,
4.1166

148.3820,
154.7854, 230.4401

■ 0.0000, 0.0000,
1.6895

183.9810,

■ 0.0000, 0.0000,

192.0343, 280.0448

0.3535

224.8618,
234.8256, 336.3016

■ 0.0000, 0.0000,
0.0000

■ 25.2468, 26.1553,
49.0652

■ 25.2468, 26.1553,
49.0652

■ 21.4604, 21.8225,
48.4289

■ 29.6929, 31.0892,
49.7837

■ 18.2970, 18.0623,
47.8699

■ 34.8278, 36.6450,
50.5854

■ 15.7198, 14.8481,
47.3853

■ 40.6816, 42.8462,
51.4738

■ 13.6869, 12.1495,
46.9716

■ 47.2822, 49.7138,
52.4515

■ 12.1500, 9.9325,
46.6246

■ 54.6556, 57.2682,
53.5210

■ 11.0400, 8.1515,
46.3394

■ 62.8266, 65.5285,
54.6848

■ 10.8007, 7.7584,
46.2761

■ 71.8191, 74.5133,
55.9451

■ 78.9557, 82.8485,
57.1778

■ 82.3031, 89.5433,
58.2936

Harmonies

Analogous

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



22.3196, 26.1553, 46.6285



25.2468, 26.1553, 49.0652



28.3068, 26.1553, 45.1136

Triad

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



25.2468, 26.1553, 49.0652



30.1386, 26.1553, 20.0372



19.9027, 26.1553, 21.5862

Complementary

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



25.2468, 26.1553, 49.0652



35.0890, 35.8823, 21.2970

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.



21.7047, 26.1553, 16.5367



25.2468, 26.1553, 49.0652



27.5859, 26.1553, 15.7811

Square

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



25.2468, 26.1553, 49.0652



31.2749, 26.1553, 27.3903



24.4768, 26.1553, 14.6461



19.3880, 26.1553, 29.5955

Rectangle

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



25.2468, 26.1553, 49.0652



29.9650, 26.1553, 39.7867



24.4768, 26.1553, 14.6461



20.3702, 26.1553, 19.5461

Sweetspot

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



25.2477, 26.1563, 49.0658



69.6804, 73.3885, 92.6975



30.3442, 40.3795, 38.3404



14.7124, 15.4939, 19.9368



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.



25.2477, 26.1563, 49.0658



40.0178, 40.8542, 87.9811



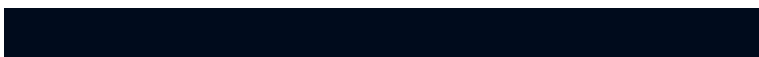
22.9587, 19.9376, 47.9861



8.7910, 9.2592, 11.4033



7.5069, 5.4736, 31.9139



0.3250, 0.3137, 1.1452

Inverse Universe

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



30.7063, 24.3757, 28.2870



51.5550, 37.9277, 43.8759



38.1287, 44.7436, 22.8472



9.1408, 9.0667, 10.0891



14.4028, 7.3349, 4.7422



0.5382, 0.2708, 0.3276

Previews

White Background



This preview shows how the XYZ color 25.2468, 26.1553, 49.0652 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 25.2468, 26.1553, 49.0652 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

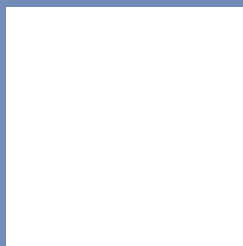
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2468, 26.1553, 49.0652

Background



This preview shows how black text looks on a background with the XYZ color 25.2468, 26.1553, 49.0652.

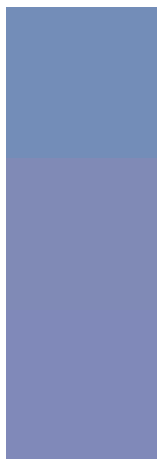


This preview shows how white text looks on a background with the XYZ color 25.2468, 26.1553,

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

25.2468, 26.1553, 49.0652

Protanopia

26.4341, 26.1436, 47.9090

Deuteranopia

26.6047, 25.9833, 49.5120



Tritanopia

22.6348, 26.2145, 36.2147

Trichromacy



Original Color

25.2468, 26.1553, 49.0652

Protanomaly

25.9482, 26.0951, 48.4690

Deuteranomaly

26.0138, 25.8907, 49.5253

Tritanomaly

23.5039, 26.1160, 40.3613

Monochromacy



Original Color

25.2468, 26.1553, 49.0652

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.3549, 25.5776, 34.6637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2468, 26.1553, 49.0652 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(115, 141, 184)` looks like.

```
.text, #text, p{  
    color:rgb(115, 141, 184)  
}
```

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(115, 141, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 141, 184) }
```

Border

The CSS property to change the border of an element to XYZ 25.2468, 26.1553, 49.0652 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(115, 141, 184) }
```


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

```
.border{ border-color:rgb(115, 141, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 141, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 141, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 141, 184);  
box-shadow:4px 4px 4px 4px rgb(115, 141,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2468, 26.1553, 49.0652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 141, 184) }
```

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

```
.background{ background-color: rgb(115,  
141, 184) }
```

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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