

Converting Colors

XYZ(25.2380, 24.7837, 52.7893)

Have a look what the booklet for
XYZ(25.2380, 24.7837, 52.7893)
contains.

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Color

**XYZ(25.2704, 24.8025,
52.7457)**

Conversions

Conversions Part 1

Format	Color
Hex	7487BF
RGB	116, 135, 191
RGB Percent	45%, 53%, 75%
CMY	0.5451, 0.4706, 0.2510
CMYK	0.39, 0.29, 0.00, 0.25
HSL	225°, 37%, 60%
HSV	225°, 39%, 75%
XYZ	25.2704, 24.8025, 52.7457
YIQ	135.7030, -29.3000, 13.3880

Conversions

Conversions Part 2

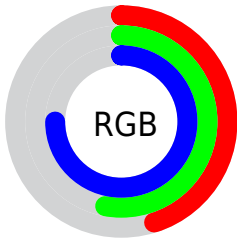
Format	Color
R_{YB}	116, 131, 191
Decimal	7636927
CIE _{Lab}	56.88, 7.36, -31.42
CIE _{LCh}	57, 32.266, 283.188
Yxy	24.8025, 0.2458, 0.2412
Android (android.graphics.Color)	4285827007 (0xFF7487BF)
YUV	135.7030, 27.2614, -17.2795
Hunter-Lab	49.8021, 3.4201, -27.9329

Details

The XYZ color **25.2704, 24.8025, 52.7457** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **39.3916, 41.8433, 22.5245**, and the grayscale version is **23.2007, 24.4089, 26.5813**.

A 20% lighter version of the original color is **51.5041, 51.2898, 95.9923**, and **9.8930, 9.5185, 24.9827** is the 20% darker color. If you saturate the color by 10%, you get **21.1294, 19.9095, 52.0200**, and if you desaturate by 10%, it is **30.2016, 30.4996, 53.5859**.

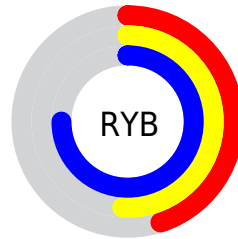
Distribution



Red (45%)

Green (53%)

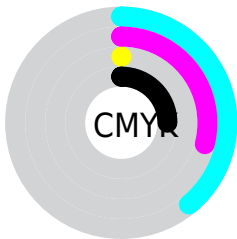
Blue (75%)



Red (45%)

Yellow (51%)

Blue (75%)

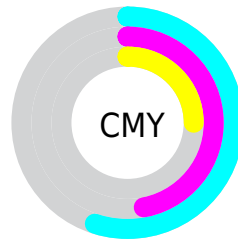


Cyan (39%)

Magenta (29%)

Yellow (0%)

Black (25%)



Cyan (55%)

Magenta (47%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2704, 24.8025, 52.7457 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 25.2704, 24.8025, 52.7457 by changing the saturation by 10% instead.

■ 25.2704, 24.8025,
52.7457

■ 25.2704, 24.8025,
52.7457

271.5048,
276.8529, 414.3473

■ 16.4084, 15.9300,
37.2135

■ 51.5353, 51.3366,
95.6678

■ 9.9063, 9.4746,
25.0757

■ 69.6689, 69.7670,
123.8948

■ 5.3987, 5.0520,
15.9140

■ 91.6238, 92.1522,
157.1904

■ 2.5202, 2.2778,
9.3096

117.7653,
118.8765, 195.9732

■ 0.9054, 0.7619,
4.8441

148.4588,
150.3243, 240.6618

■ 0.0000, 0.0000,
2.0989

184.0697,

■ 0.0000, 0.0000,

186.8801, 291.6746

0.6151

224.9632,
228.9281, 349.4303

■ 0.0000, 0.0000,
0.0000

■ 25.2704, 24.8025,
52.7457

■ 25.2704, 24.8025,
52.7457

■ 21.1294, 19.9095,
52.0200

■ 30.2016, 30.4996,
53.5859

■ 17.7334, 15.7801,
51.4019

■ 35.9599, 37.0330,
54.5435

■ 15.0362, 12.3744,
50.8867

■ 42.5829, 44.4365,
55.6234

■ 12.9851, 9.6474,
50.4684

■ 50.1049, 52.7414,
56.8300

■ 11.5191, 7.5481,
50.1405

■ 58.5586, 61.9770,
58.1671

■ 10.5381, 6.0037,
49.8941

■ 67.9748, 72.1716,
59.6385

■ 10.4768, 5.9072,
49.8787

■ 78.3829, 83.3520,
61.2480

■ 84.5490, 92.8314,
62.7527

■ 86.4041, 96.5416,
63.3711

Harmonies

Analogous

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



21.5349, 24.8025, 52.2155



25.2704, 24.8025, 52.7457



28.9030, 24.8025, 45.1903

Triad

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



25.2704, 24.8025, 52.7457



29.2767, 24.8025, 15.1237



17.2819, 24.8025, 21.4246

Complementary

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



25.2704, 24.8025, 52.7457



39.3916, 41.8433, 22.5245

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.



18.9440, 24.8025, 14.5004



25.2704, 24.8025, 52.7457



25.7380, 24.8025, 11.5856

Square

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



25.2704, 24.8025, 52.7457



31.3771, 24.8025, 22.5321



21.9553, 24.8025, 11.3930



17.1854, 24.8025, 32.0354

Rectangle

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



25.2704, 24.8025, 52.7457



30.6694, 24.8025, 37.5180



21.9553, 24.8025, 11.3930



17.6672, 24.8025, 18.6671

Sweetspot

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



25.2713, 24.8034, 52.7463



72.6327, 75.5430, 99.0322



33.1847, 43.9155, 45.2564



15.5988, 16.1973, 21.6895



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



25.2713, 24.8034, 52.7463



38.8831, 36.9012, 93.3524



25.4023, 21.2808, 52.0594



9.2077, 9.6077, 12.0414



6.9407, 3.9931, 32.7978



0.3262, 0.2651, 1.3028

Inverse Universe

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



32.1052, 25.3174, 26.1171



53.0035, 38.6533, 38.1758



39.1282, 47.4645, 23.6233



9.6267, 9.5750, 10.4231



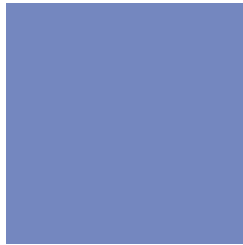
14.5041, 7.4328, 2.6822



0.5956, 0.3021, 0.2495

Previews

White Background



This preview shows how the XYZ color 25.2704, 24.8025, 52.7457 looks on a white background.

Color Contrast Check

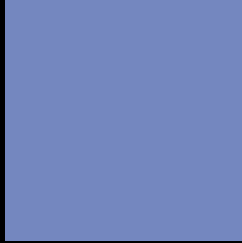
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2704, 24.8025, 52.7457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

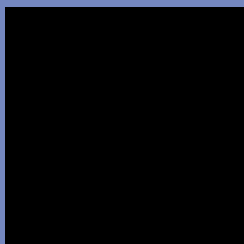
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

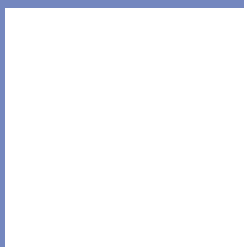
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2704, 24.8025, 52.7457

Background



This preview shows how black text looks on a background with the XYZ color 25.2704, 24.8025, 52.7457.



This preview shows how white text looks on a background with the XYZ color 25.2704, 24.8025,

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

25.2704, 24.8025, 52.7457

Protanopia

25.4271, 24.6898, 52.1407

Deuteranopia

25.4041, 24.8714, 52.7519



Tritanopia

21.5691, 24.8049, 34.2229

Trichromacy



Original Color

25.2704, 24.8025, 52.7457

Protanomaly

25.2906, 24.6195, 52.1343

Deuteranomaly

25.4041, 24.8714, 52.7519

Tritanomaly

22.6381, 24.5703, 40.1086

Monochromacy



Original Color

25.2704, 24.8025, 52.7457

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.8582, 24.6757, 34.9579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2704, 24.8025, 52.7457 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(116, 135, 191)` looks like.

```
.text, #text, p{  
    color:rgb(116, 135, 191)  
}
```

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(116, 135, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 135, 191) }
```

Border

The CSS property to change the border of an element to XYZ 25.2704, 24.8025, 52.7457 is called "border". The border property can be set on classes, ids or directly on the HTML element.

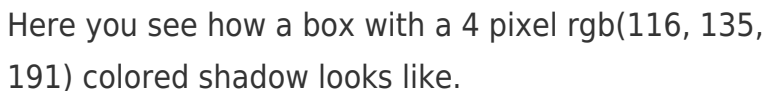
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 135, 191) }
```


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

```
.border{ border-color:rgb(116, 135, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 135, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 135, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 135, 191); box-shadow:4px 4px 4px 4px rgb(116, 135, 191) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2704, 24.8025, 52.7457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 135, 191) }
```

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

```
.background{ background-color: rgb(116,  
135, 191) }
```

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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