

Converting Colors

XYZ(25.7346, 22.8286, 58.5865)

Have a look what the booklet for
XYZ(25.7346, 22.8286, 58.5865)
contains.

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Color

**XYZ(25.6354, 22.6973,
58.2882)**

Conversions

Conversions Part 1

Format	Color
Hex	797CC9
RGB	121, 124, 201
RGB Percent	47%, 49%, 79%
CMY	0.5255, 0.5137, 0.2118
CMYK	0.40, 0.38, 0.00, 0.21
HSL	238°, 43%, 63%
HSV	238°, 40%, 79%
XYZ	25.6354, 22.6973, 58.2882
YIQ	131.8810, -26.5050, 23.3110

Conversions

Conversions Part 2

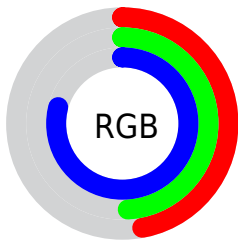
Format	Color
R_{YB}	121, 124, 201
Decimal	7961801
CIE _{Lab}	54.76, 18.05, -40.40
CIE _{LCh}	55, 44.246, 294.082
Yxy	22.6973, 0.2404, 0.2129
Android (android.graphics.Color)	4286151881 (0xFF797CC9)
YUV	131.8810, 34.0757, -9.5426
Hunter-Lab	47.6417, 12.6757, -39.1904

Details

The XYZ color **25.6354, 22.6973, 58.2882** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **47.7334, 54.1871, 26.0336**, and the grayscale version is **21.7780, 22.9122, 24.9514**.

A 20% lighter version of the original color is **51.4798, 47.5008, 101.0630**, and **10.0973, 8.3320, 28.6798** is the 20% darker color. If you saturate the color by 10%, you get **20.9153, 17.0113, 57.4399**, and if you desaturate by 10%, it is **31.4197, 29.6387, 59.3236**.

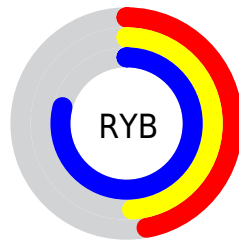
Distribution



Red (47%)

Green (49%)

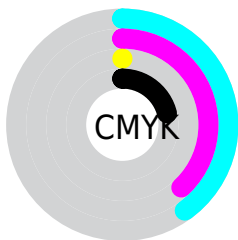
Blue (79%)



Red (47%)

Yellow (49%)

Blue (79%)

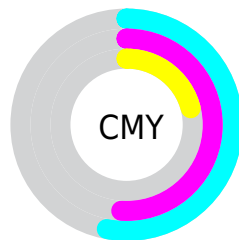


Cyan (40%)

Magenta (38%)

Yellow (0%)

Black (21%)



Cyan (53%)

Magenta (51%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6354, 22.6973, 58.2882 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 25.6354, 22.6973, 58.2882 by changing the saturation by 10% instead.

■ 25.6354, 22.6973,
58.2882

■ 25.6354, 22.6973,
58.2882

273.2773,
266.1664, 435.8872

■ 16.6823, 14.3702,
41.6242

■ 52.1217, 47.8958,
103.8613

■ 10.1022, 8.3786,
28.4837

■ 70.3856, 65.5360,
133.6075

■ 5.5295, 4.3381,
18.4484

■ 92.4838, 87.0493,
168.5515

■ 2.5991, 1.8644,
11.0996

118.7817,
112.8201, 209.1118

■ 0.9455, 0.5269,
6.0189

149.6447,
143.2328, 255.7070

■ 0.0000, 0.0000,
2.7876

185.4380,

■ 0.0000, 0.0000,

178.6718, 308.7556

0.9872

226.5271,
219.5216, 368.6761

■ 0.0000, 0.0000,
0.0000

■ 25.6354, 22.6973,
58.2882

■ 25.6354, 22.6973,
58.2882

■ 20.9153, 17.0113,
57.4399

■ 31.4197, 29.6387,
59.3236

■ 17.1921, 12.5035,
56.7660

■ 38.3248, 37.9016,
60.5546

■ 14.3950, 9.0918,
56.2549

■ 46.4065, 47.5506,
61.9910

■ 12.4426, 6.6828,
55.8929

■ 55.7160, 58.6452,
63.6419

■ 11.2397, 5.1674,
55.6638

■ 66.3016, 71.2415,
65.5153

■ 10.6337, 4.3917,
55.5460

■ 78.2089, 85.3925,
67.6191

■ 10.6245, 4.3807,
55.5443

■ 87.5427, 96.9971,
69.3671

Harmonies

Analogous

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



20.6194, 22.6973, 62.2682



25.6354, 22.6973, 58.2882



30.1051, 22.6973, 44.0818

Triad

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



25.6354, 22.6973, 58.2882



27.5630, 22.6973, 8.7070



13.5170, 22.6973, 22.0433

Complementary

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



25.6354, 22.6973, 58.2882



47.7334, 54.1871, 26.0336

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.



14.8278, 22.6973, 12.0574



25.6354, 22.6973, 58.2882



22.5558, 22.6973, 6.4558

Square

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



25.6354, 22.6973, 58.2882



31.3303, 22.6973, 15.2853



17.9644, 22.6973, 7.3959



14.0865, 22.6973, 37.3891

Rectangle

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



25.6354, 22.6973, 58.2882



31.9202, 22.6973, 32.8463



17.9644, 22.6973, 7.3959



13.7452, 22.6973, 18.0479

Sweetspot

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



25.6362, 22.6981, 58.2887



75.9880, 77.2780, 105.5189



38.8506, 49.8700, 60.4020



15.8608, 16.0588, 22.5137



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.



25.6362, 22.6981, 58.2887



36.6323, 30.1190, 98.4906



31.2855, 25.0609, 58.4471



10.0880, 10.3501, 13.3836



6.6952, 2.7843, 34.9289



0.3284, 0.1546, 1.6577

Inverse Universe

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



34.5636, 27.5484, 22.5652



54.1018, 39.7373, 28.5565



39.8556, 51.1537, 25.8633



10.6497, 10.6433, 11.1387



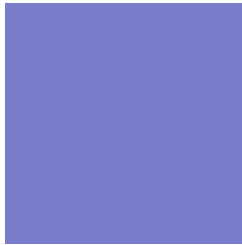
15.1788, 7.8211, 0.8853



0.7245, 0.3726, 0.0722

Previews

White Background



This preview shows how the XYZ color 25.6354, 22.6973, 58.2882 looks on a white background.

Color Contrast Check

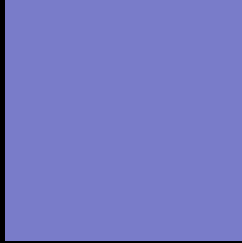
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6354, 22.6973, 58.2882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

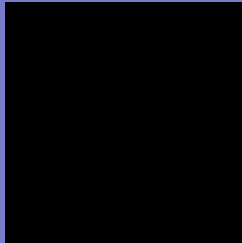
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.6354, 22.6973, 58.2882

Background



This preview shows how black text looks on a background with the XYZ color 25.6354, 22.6973, 58.2882.



This preview shows how white text looks on a background with the XYZ color 25.6354, 22.6973,

58.2882.

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

25.6354, 22.6973, 58.2882

Protanopia

24.3321, 22.7297, 60.8624

Deuteranopia

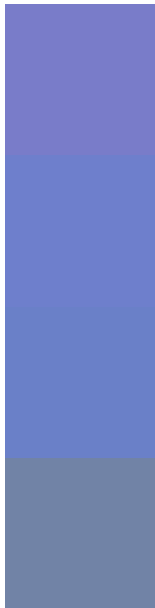
23.3377, 22.6768, 57.7906



Tritanopia

20.0366, 22.5914, 30.4987

Trichromacy



Original Color

25.6354, 22.6973, 58.2882

Protanomaly

24.9189, 22.8534, 60.2245

Deuteranomaly

24.0884, 22.6726, 57.7502

Tritanomaly

21.8093, 22.4965, 39.2692

Monochromacy



Original Color

25.6354, 22.6973, 58.2882

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.8381, 22.7240, 35.0808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6354, 22.6973, 58.2882 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(121, 124, 201)` looks like.

```
.text, #text, p{  
    color:rgb(121, 124, 201)  
}
```

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(121, 124, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 124, 201) }
```

Border

The CSS property to change the border of an element to XYZ 25.6354, 22.6973, 58.2882 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(121, 124, 201) }
```


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

```
.border{ border-color:rgb(121, 124, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 124, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 124, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 124, 201);  
box-shadow:4px 4px 4px 4px rgb(121, 124,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6354, 22.6973, 58.2882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 124, 201) }
```

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

```
.background{ background-color: rgb(121,  
124, 201) }
```

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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