

Converting Colors

XYZ(25.1403, 22.6537, 44.2299)

Have a look what the booklet for
XYZ(25.1403, 22.6537, 44.2299)
contains.

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Color

**XYZ(25.0728, 22.5347,
44.1025)**

Conversions

Conversions Part 1

Format	Color
Hex	887BB0
RGB	136, 123, 176
RGB Percent	53%, 48%, 69%
CMY	0.4667, 0.5176, 0.3098
CMYK	0.23, 0.30, 0.00, 0.31
HSL	255°, 25%, 59%
HSV	255°, 30%, 69%
XYZ	25.0728, 22.5347, 44.1025
YIQ	132.9290, -9.2650, 19.2390

Conversions

Conversions Part 2

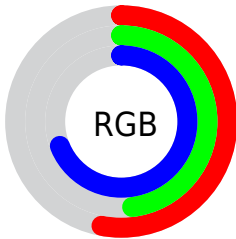
Format	Color
R_{YB}	136, 123, 176
Decimal	8944560
CIE _{Lab}	54.59, 16.40, -26.27
CIE _{LCh}	55, 30.972, 301.980
Yxy	22.5347, 0.2734, 0.2457
Android (android.graphics.Color)	4287134640 (0xFF887BB0)
YUV	132.9290, 21.2340, 2.6933
Hunter-Lab	47.4707, 11.2053, -21.8536

Details

The XYZ color **25.0728, 22.5347, 44.1025** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **34.2053, 40.2678, 24.7094**, and the grayscale version is **22.1967, 23.3527, 25.4311**.

A 20% lighter version of the original color is **51.3260, 47.8240, 82.8697**, and **9.7702, 8.2589, 19.8181** is the 20% darker color. If you saturate the color by 10%, you get **21.0575, 17.5102, 43.3447**, and if you desaturate by 10%, it is **29.7495, 28.4838, 45.0047**.

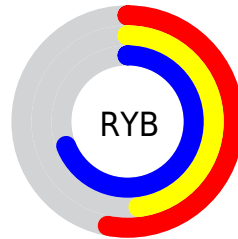
Distribution



Red (53%)

Green (48%)

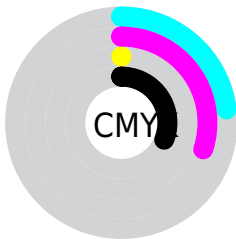
Blue (69%)



Red (53%)

Yellow (48%)

Blue (69%)

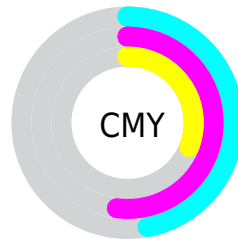


Cyan (23%)

Magenta (30%)

Yellow (0%)

Black (31%)



Cyan (47%)

Magenta (52%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0728, 22.5347, 44.1025 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 25.0728, 22.5347, 44.1025 by changing the saturation by 10% instead.

■ 25.0728, 22.5347,
44.1025

■ 25.0728, 22.5347,
44.1025

270.5413,
265.3260, 379.1800

■ 16.2603, 14.2503,
30.4133

■ 51.2173, 47.6282,
82.6761

■ 9.8006, 8.2950,
19.8978

■ 69.2801, 65.2060,
108.3975

■ 5.3282, 4.2843,
12.1374

■ 91.1570, 86.6505,
138.9669

■ 2.4778, 1.8338,
6.7137

117.2135,
112.3460, 174.8026

■ 0.8841, 0.5081,
3.2080

147.8147,
142.6769, 216.3232

■ 0.0000, 0.0000,
1.2018

183.3262,

■ 0.0000, 0.0000,

178.0276, 263.9473

0.0000

224.1133,
218.7825, 318.0933

■ 25.0728, 22.5347,
44.1025

■ 25.0728, 22.5347,
44.1025

■ 21.0575, 17.5102,
43.3447

■ 29.7495, 28.4838,
45.0047

■ 17.6706, 13.3606,
42.7222

■ 35.1140, 35.3986,
46.0566

■ 14.8794, 10.0354,
42.2275

■ 41.1941, 43.3208,
47.2653

■ 12.6475, 7.4778,
41.8515

■ 48.0153, 52.2889,
48.6368

■ 10.9338, 5.6236,
41.5839

■ 55.6018, 62.3395,
50.1769

■ 9.6912, 4.3977,
41.4128

■ 63.9766, 73.5071,
51.8911

■ 8.8400, 3.6519,
41.3137

■ 73.1619, 85.8251,
53.7846

■ 80.3060, 93.5790,
54.9047

■ 84.8366, 95.9146,
55.1167

Harmonies

Analogous

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



21.6453, 22.5347, 48.4225



25.0728, 22.5347, 44.1025



27.7270, 22.5347, 34.4305

Triad

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



25.0728, 22.5347, 44.1025



24.6406, 22.5347, 11.4367



15.5241, 22.5347, 25.1893

Complementary

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



25.0728, 22.5347, 44.1025



34.2053, 40.2678, 24.7094

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.



16.1478, 22.5347, 16.7465



25.0728, 22.5347, 44.1025



21.1934, 22.5347, 10.1731

Square

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



25.0728, 22.5347, 44.1025



27.4595, 22.5347, 15.8925



18.1378, 22.5347, 11.8302



16.3357, 22.5347, 35.8547

Rectangle

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



25.0728, 22.5347, 44.1025



28.5701, 22.5347, 27.2439



18.1378, 22.5347, 11.8302



15.5727, 22.5347, 22.0146

Sweetspot

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



25.0736, 22.5356, 44.1030



64.6810, 65.4928, 83.7276



29.2154, 33.7661, 46.0524



13.6961, 13.7767, 18.0816



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.0736, 22.5356, 44.1030



40.5950, 34.7466, 79.0625



29.7933, 24.9687, 44.3239



8.2308, 8.3275, 10.6799



6.5318, 2.7031, 30.3145



0.2592, 0.1127, 0.9563

Inverse Universe

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



31.5989, 26.0411, 38.0118



54.4256, 42.1856, 65.7479



29.4395, 37.8109, 24.4863



8.7592, 8.6104, 10.2302



16.2586, 8.0210, 17.0534



0.5330, 0.2609, 0.6494

Previews

White Background



This preview shows how the XYZ color 25.0728, 22.5347, 44.1025 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 25.0728, 22.5347, 44.1025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

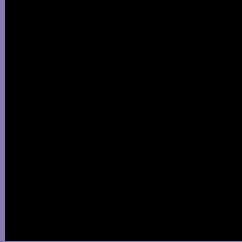
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0728, 22.5347, 44.1025

Background



This preview shows how black text looks on a background with the XYZ color 25.0728, 22.5347, 44.1025.



This preview shows how white text looks on a background with the XYZ color 25.0728, 22.5347,

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

25.0728, 22.5347, 44.1025

Protanopia

23.1587, 22.6406, 46.3295

Deuteranopia

23.1959, 22.7176, 43.7198



Tritanopia

21.7695, 22.5258, 28.0115

Trichromacy



Original Color

25.0728, 22.5347, 44.1025

Protanomaly

23.8944, 22.6444, 45.7593

Deuteranomaly

23.7847, 22.6339, 43.6726

Tritanomaly

22.8549, 22.3842, 33.2530

Monochromacy



Original Color

25.0728, 22.5347, 44.1025

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.1066, 22.9388, 31.6435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0728, 22.5347, 44.1025 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(136, 123, 176)` looks like.

```
.text, #text, p{  
    color:rgb(136, 123, 176)  
}
```

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(136, 123, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 123, 176) }
```

Border

The CSS property to change the border of an element to XYZ 25.0728, 22.5347, 44.1025 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(136, 123, 176) }
```


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

```
.border{ border-color:rgb(136, 123, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 123, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 123, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 123, 176);  
box-shadow:4px 4px 4px 4px rgb(136, 123,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0728, 22.5347, 44.1025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 123, 176) }
```

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

```
.background{ background-color: rgb(136,  
123, 176) }
```

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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