

Converting Colors

XYZ(27.3096, 24.7621, 55.2141)

Have a look what the booklet for
XYZ(27.3096, 24.7621, 55.2141)
contains.

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Color

**XYZ(27.3487, 24.8109,
54.9773)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8482C3 |
| RGB | 132, 130, 195 |
| RGB Percent | 52%, 51%, 76% |
| CMY | 0.4823, 0.4902, 0.2353 |
| CMYK | 0.32, 0.33, 0.00, 0.24 |
| HSL | 242°, 35%, 64% |
| HSV | 242°, 33%, 76% |
| XYZ | 27.3487, 24.8109, 54.9773 |
| YIQ | 138.0080, -19.6730, 20.6390 |

Conversions

Conversions Part 2

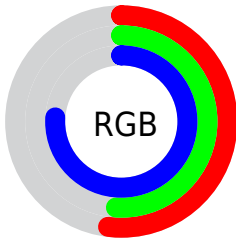
| Format | Color |
|-------------------------------------|--|
| RYB | 132, 130, 195 |
| Decimal | 8684227 |
| CIELab | 56.89, 15.91, -33.59 |
| CIELCh | 57, 37.163, 295.346 |
| Yxy | 24.8109, 0.2553, 0.2316 |
| Android (android.graphics.Color) | 4286874307 (0xFF8482C3) |
| YUV | 138.0080, 28.0971, -5.2690 |
| Hunter-Lab | 49.8105, 10.8378, -30.5727 |

Details

The XYZ color **27.3487, 24.8109, 54.9773** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.5370, 51.9798, 28.7530**, and the grayscale version is **24.0629, 25.3160, 27.5691**.

A 20% lighter version of the original color is **54.9977, 51.4600, 99.1296**, and **11.0584, 9.5134, 26.4527** is the 20% darker color. If you saturate the color by 10%, you get **22.3040, 18.7183, 54.0676**, and if you desaturate by 10%, it is **33.4220, 32.1644, 56.0770**.

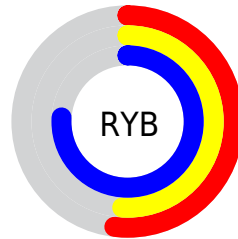
Distribution



Red (52%)

Green (51%)

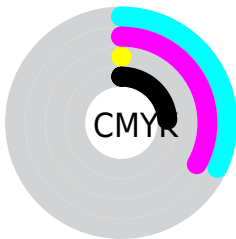
Blue (76%)



Red (52%)

Yellow (51%)

Blue (76%)

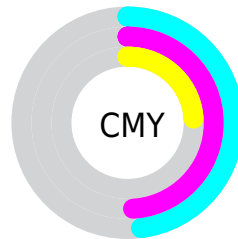


Cyan (32%)

Magenta (33%)

Yellow (0%)

Black (24%)



Cyan (48%)

Magenta (49%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3487, 24.8109, 54.9773 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 27.3487, 24.8109, 54.9773 by changing the saturation by 10% instead.

■ 27.3487, 24.8109,
54.9773

■ 27.3487, 24.8109,
54.9773

281.4784,
276.8949, 423.1054

■ 17.9732, 15.9362,
38.9851

■ 54.8589, 51.3503,
98.9785

■ 11.0303, 9.4790,
26.4404

■ 73.7243, 69.7838,
127.8246

■ 6.1547, 5.0549,
16.9247

■ 96.4837, 92.1723,
161.7923

■ 2.9809, 2.2795,
10.0194

123.5024,
118.9004, 201.3003

■ 1.1437, 0.7628,
5.3060

155.1459,
150.3522, 246.7671

■ 0.0612, 0.0000,
2.3661

191.7795,

■ 0.0000, 0.0000,

186.9123, 298.6112

0.7679

233.7686,
228.9651, 357.2511

■ 0.0000, 0.0000,
0.0000

■ 27.3487, 24.8109,
54.9773

■ 27.3487, 24.8109,
54.9773

■ 22.3040, 18.7183,
54.0676

■ 33.4220, 32.1644,
56.0770

■ 18.2287, 13.8132,
53.3356

■ 40.5738, 40.8411,
57.3749

■ 15.0612, 10.0189,
52.7702

■ 48.8538, 50.9026,
58.8805

■ 12.7320, 7.2488,
52.3583

■ 58.3077, 62.4056,
60.6025

■ 11.1617, 5.4031,
52.0848

■ 68.9790, 75.4038,
62.5490

■ 10.2553, 4.3626,
51.9317

■ 80.9087, 89.9483,
64.7276

■ 9.9255, 3.9789,
51.8751

■ 86.8504, 96.7202,
65.7215

Harmonies

Analogous

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



22.9095, 24.8109, 58.6333



27.3487, 24.8109, 54.9773



31.1571, 24.8109, 43.0620

Triad

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



27.3487, 24.8109, 54.9773



28.6675, 24.8109, 11.7074



16.1862, 24.8109, 25.1166

Complementary

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



27.3487, 24.8109, 54.9773



45.5370, 51.9798, 28.7530

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.



17.3465, 24.8109, 15.5505



27.3487, 24.8109, 54.9773



24.2675, 24.8109, 9.4768

Square

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



27.3487, 24.8109, 54.9773



31.9818, 24.8109, 17.9995



20.1781, 24.8109, 10.6287



16.7990, 24.8109, 38.6276

Rectangle

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



27.3487, 24.8109, 54.9773



32.6397, 24.8109, 33.5426



20.1781, 24.8109, 10.6287



16.3772, 24.8109, 21.3942

Sweetspot

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



27.3496, 24.8119, 54.9779



77.1565, 78.5983, 103.5742



38.3301, 47.2330, 58.7269



16.4475, 16.6668, 22.6001



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.



27.3496, 24.8119, 54.9779



42.2213, 36.2686, 97.2450



33.0577, 27.7545, 55.2450



9.5563, 9.7624, 12.6655



6.4641, 2.5928, 33.7164



0.2894, 0.1172, 1.4573

Inverse Universe

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



40.1145, 31.4184, 54.4022



68.6027, 49.9253, 95.9230



38.3271, 48.2629, 28.4156



10.4835, 10.2420, 12.6365



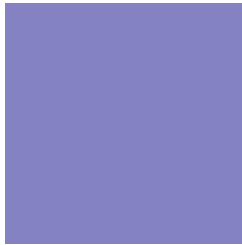
20.6033, 9.9311, 32.1526



0.8945, 0.4308, 1.4118

Previews

White Background



This preview shows how the XYZ color 27.3487, 24.8109, 54.9773 looks on a white background.

Color Contrast Check

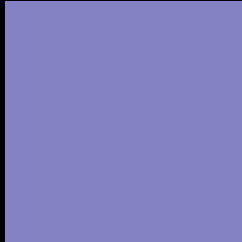
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3487, 24.8109, 54.9773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

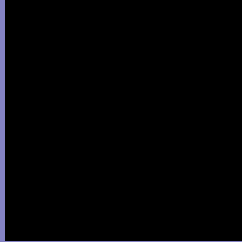
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.3487, 24.8109, 54.9773

Background



This preview shows how black text looks on a background with the XYZ color 27.3487, 24.8109, 54.9773.



This preview shows how white text looks on a background with the XYZ color 27.3487, 24.8109,

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

27.3487, 24.8109, 54.9773

Protanopia

25.7884, 24.7722, 56.8484

Deuteranopia

25.4718, 24.8678, 54.4964



Tritanopia

22.7637, 24.8048, 32.4422

Trichromacy



Original Color

27.3487, 24.8109, 54.9773

Protanomaly

26.3507, 24.8712, 56.2351

Deuteranomaly

26.0103, 24.7350, 54.4424

Tritanomaly

24.2913, 24.7971, 39.5824

Monochromacy



Original Color

27.3487, 24.8109, 54.9773

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.0753, 25.0654, 36.3174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3487, 24.8109, 54.9773 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(132, 130, 195)` looks like.

```
.text, #text, p{  
    color:rgb(132, 130, 195)  
}
```

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(132, 130, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 130, 195) }
```

Border

The CSS property to change the border of an element to XYZ 27.3487, 24.8109, 54.9773 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(132, 130, 195) }
```


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

```
.border{ border-color:rgb(132, 130, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 130, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 130, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 130, 195);  
box-shadow:4px 4px 4px 4px rgb(132, 130,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3487, 24.8109, 54.9773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 130, 195) }
```

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

```
.background{ background-color: rgb(132,  
130, 195) }
```

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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