

Converting Colors

XYZ(26.6889, 23.9003, 54.2484)

Have a look what the booklet for
XYZ(26.6889, 23.9003, 54.2484)
contains.

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Color

**XYZ(26.6870, 23.8991,
54.2454)**

Conversions

Conversions Part 1

Format	Color
Hex	837FC2
RGB	131, 127, 194
RGB Percent	51%, 50%, 76%
CMY	0.4863, 0.5019, 0.2392
CMYK	0.32, 0.35, 0.00, 0.24
HSL	244°, 35%, 63%
HSV	244°, 35%, 76%
XYZ	26.6870, 23.8991, 54.2454
YIQ	135.8340, -19.1230, 21.6850

Conversions

Conversions Part 2

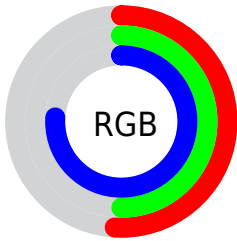
Format	Color
RYB	131, 127, 194
Decimal	8617922
CIELab	55.99, 17.12, -34.43
CIELCh	56, 38.456, 296.438
Yxy	23.8991, 0.2546, 0.2280
Android (android.graphics.Color)	4286808002 (0xFF837FC2)
YUV	135.8340, 28.6758, -4.2394
Hunter-Lab	48.8867, 11.8905, -31.5684

Details

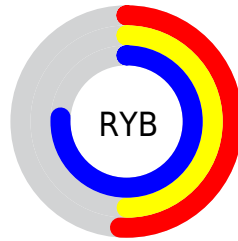
The XYZ color **26.6870, 23.8991, 54.2454** is a light color, and the websafe version is hex **666699**. A complement of this color would be **44.3584, 51.0636, 27.5979**, and the grayscale version is **23.2417, 24.4521, 26.6283**.

A 20% lighter version of the original color is **53.9835, 50.0467, 98.0815**, and **10.6825, 9.0045, 25.9860** is the 20% darker color. If you saturate the color by 10%, you get **21.8377, 18.0314, 53.3688**, and if you desaturate by 10%, it is **32.5178, 30.9898, 55.3072**.

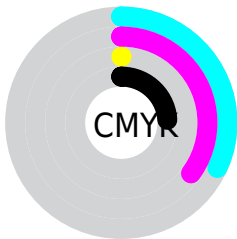
Distribution



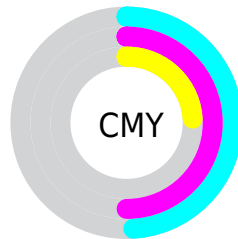
- Red (51%)
- Green (50%)
- Blue (76%)



- Red (51%)
- Yellow (50%)
- Blue (76%)



- Cyan (32%)
- Magenta (35%)
- Yellow (0%)
- Black (24%)



- Cyan (49%)
- Magenta (50%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6870, 23.8991, 54.2454 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 26.6870, 23.8991, 54.2454 by changing the saturation by 10% instead.

■ 26.6870, 23.8991,
54.2454

■ 26.6870, 23.8991,
54.2454

278.3337,
272.3100, 420.2462

■ 17.4737, 15.2588,
38.4034

■ 53.8046, 49.8655,
97.8945

■ 10.6702, 9.0012,
25.9917

■ 72.4396, 67.9604,
126.5387

■ 5.9112, 4.7420,
16.5917

■ 94.9459, 89.9756,
160.2873

■ 2.8313, 2.0967,
9.7849

121.6888,
116.2955, 199.5589

■ 1.0652, 0.6628,
5.1529

153.0337,
147.3044, 244.7720

■ 0.0000, 0.0000,
2.2769

189.3459,

■ 0.0000, 0.0000,

183.3869, 296.3453

0.7182

230.9908,
224.9273, 354.6971

■ 0.0000, 0.0000,
0.0000

■ 26.6870, 23.8991,
54.2454

■ 26.6870, 23.8991,
54.2454

■ 21.8377, 18.0314,
53.3688

■ 32.5178, 30.9898,
55.3072

■ 17.9135, 13.3150,
52.6653

■ 39.3774, 39.3645,
56.5621

■ 14.8562, 9.6749,
52.1238

■ 47.3129, 49.0831,
58.0197

■ 12.5998, 7.0261,
51.7315

■ 56.3679, 60.2012,
59.6885

■ 11.0690, 5.2707,
51.4733

■ 66.5834, 72.7712,
61.5763

■ 10.1739, 4.2909,
51.3314

■ 77.9987, 86.8427,
63.6908

■ 9.8835, 3.9703,
51.2848

■ 86.7377, 96.6751,
65.1280

Harmonies

Analogous

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



22.1946, 23.8991, 58.3989



26.6870, 23.8991, 54.2454



30.5050, 23.8991, 41.8158

Triad

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



26.6870, 23.8991, 54.2454



27.7118, 23.8991, 10.6224



15.2856, 23.8991, 24.5479

Complementary

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



26.6870, 23.8991, 54.2454



44.3584, 51.0636, 27.5979

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.



16.3794, 23.8991, 14.8096



26.6870, 23.8991, 54.2454



23.2442, 23.8991, 8.5766

Square

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



26.6870, 23.8991, 54.2454



31.1483, 23.8991, 16.6701



19.1587, 23.8991, 9.8167



15.9610, 23.8991, 38.3452

Rectangle

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



26.6870, 23.8991, 54.2454



31.9547, 23.8991, 32.1164



19.1587, 23.8991, 9.8167



15.4545, 23.8991, 20.7520

Sweetspot

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



26.6878, 23.9000, 54.2460



77.3886, 78.7179, 103.5850



37.0453, 45.5168, 57.8725



16.5044, 16.6961, 22.6028



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.



26.6878, 23.9000, 54.2460



41.9224, 35.5154, 97.1154



32.6067, 26.9513, 54.5230



9.5827, 9.7760, 12.6667



6.5222, 2.6228, 33.7191



0.3014, 0.1234, 1.4578

Inverse Universe

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



39.1325, 30.3667, 52.5148



67.7231, 48.9277, 93.2818



37.0572, 47.2997, 27.2563



10.4705, 10.2368, 12.5682



20.2183, 9.7771, 30.1252



0.8816, 0.4256, 1.3439

Previews

White Background



This preview shows how the XYZ color 26.6870, 23.8991, 54.2454 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 26.6870, 23.8991, 54.2454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

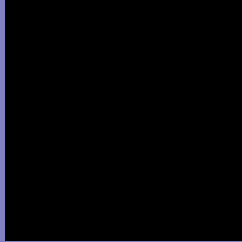
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6870, 23.8991, 54.2454

Background



This preview shows how black text looks on a background with the XYZ color 26.6870, 23.8991, 54.2454.



This preview shows how white text looks on a background with the XYZ color 26.6870, 23.8991,

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

26.6870, 23.8991, 54.2454

Protanopia

25.1264, 24.0245, 56.7390

Deuteranopia

24.5687, 24.0048, 53.7906



Tritanopia

21.9558, 23.7799, 31.0365

Trichromacy



Original Color

26.6870, 23.8991, 54.2454

Protanomaly

25.6684, 23.9184, 56.0872

Deuteranomaly

25.2132, 23.9344, 53.7430

Tritanomaly

23.5458, 23.8154, 38.4778

Monochromacy



Original Color

26.6870, 23.8991, 54.2454

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.3048, 24.2777, 35.3034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6870, 23.8991, 54.2454 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(131, 127, 194)` looks like.

```
.text, #text, p{  
    color:rgb(131, 127, 194)  
}
```

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(131, 127, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 127, 194) }
```

Border

The CSS property to change the border of an element to XYZ 26.6870, 23.8991, 54.2454 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(131, 127, 194) }
```


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

```
.border{ border-color:rgb(131, 127, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 127, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 127, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 127, 194);  
box-shadow:4px 4px 4px 4px rgb(131, 127,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6870, 23.8991, 54.2454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 127, 194) }
```

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

```
.background{ background-color: rgb(131,  
127, 194) }
```

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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