

Converting Colors

XYZ(26.5650, 41.0195, 24.3770)

Have a look what the booklet for
XYZ(26.5650, 41.0195, 24.3770)
contains.

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Color

**XYZ(26.5352, 40.9448,
24.2739)**

Conversions

Conversions Part 1

Format	Color
Hex	5DBF78
RGB	93, 191, 120
RGB Percent	36%, 75%, 47%
CMY	0.6353, 0.2510, 0.5294
CMYK	0.51, 0.00, 0.37, 0.25
HSL	137°, 43%, 56%
HSV	137°, 51%, 75%
XYZ	26.5352, 40.9448, 24.2739
YIQ	153.6040, -35.6170, -42.8570

Conversions

Conversions Part 2

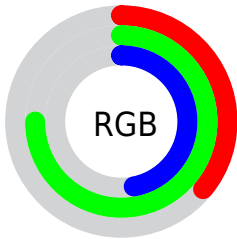
Format	Color
RYB	93, 170, 191
Decimal	6143864
CIELab	70.14, -44.49, 27.24
CIELCh	70, 52.171, 148.523
Yxy	40.9448, 0.2892, 0.4462
Android (android.graphics.Color)	4284333944 (0xFF5DBF78)
YUV	153.6040, -16.5668, -53.1497
Hunter-Lab	63.9881, -37.9571, 22.3000

Details

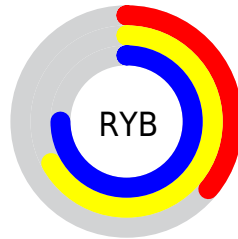
The XYZ color **26.5352, 40.9448, 24.2739** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **32.1024, 21.5863, 37.5981**, and the grayscale version is **30.6240, 32.2188, 35.0863**.

A 20% lighter version of the original color is **53.5047, 76.5415, 51.4892**, and **10.6481, 18.6376, 8.9974** is the 20% darker color. If you saturate the color by 10%, you get **24.0581, 39.7591, 20.0867**, and if you desaturate by 10%, it is **29.6186, 42.4313, 29.1249**.

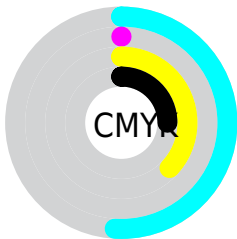
Distribution



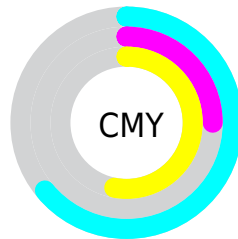
- Red (36%)
- Green (75%)
- Blue (47%)



- Red (36%)
- Yellow (67%)
- Blue (75%)



- Cyan (51%)
- Magenta (0%)
- Yellow (37%)
- Black (25%)





- Cyan (64%)
- Magenta (25%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5352, 40.9448, 24.2739 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 26.5352, 40.9448, 24.2739 by changing the saturation by 10% instead.


 26.5352, 40.9448,
24.2739


 26.5352, 40.9448,
24.2739


277.6083,
350.0899, 287.5333


 17.3592, 28.2760,
15.3228


 53.5623, 76.6001,
51.4262


 10.5878, 18.5338,
8.8971


 72.1441, 100.3553,
70.4646

 5.8556, 11.3339,
4.5783


 94.5919, 128.5748,
93.7024

 2.7973, 6.2919,
1.9476

 121.2711,
161.6430, 121.5583

 1.0475, 3.0234,
0.5228

152.5469,
199.9441, 154.4509

 0.0000, 1.1439,
0.0000

188.7849,

 0.0000, 0.0152,

243.8627, 192.7985

0.0000

230.3502,
293.7832, 237.0198

■ 0.0000, 0.0000,
0.0000

■ 26.5352, 40.9448,
24.2739

■ 26.5352, 40.9448,
24.2739

■ 24.0581, 39.7591,
20.0867

■ 29.6186, 42.4313,
29.1249

■ 22.1423, 38.8482,
16.5315

■ 33.3429, 44.2325,
34.6640

■ 20.7414, 38.1899,
13.5780

■ 37.7437, 46.3674,
40.9179

■ 19.7997, 37.7562,
11.1921

■ 42.8531, 48.8519,
47.9109

■ 19.2655, 37.5167,
9.5489

■ 48.7011, 51.7011,
55.6662

■ 55.3159, 54.9289,
64.2058

■ 62.7242, 58.5489,
73.5512

■ 70.9515, 62.5736,
83.7226

■ 76.2835, 65.0879,
94.5648

Harmonies

Analogous

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



31.5969, 40.9448, 14.7314



26.5352, 40.9448, 24.2739



24.7127, 40.9448, 43.3818

Triad

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



26.5352, 40.9448, 24.2739



38.4955, 40.9448, 109.9751



55.1839, 40.9448, 25.6996

Complementary

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



26.5352, 40.9448, 24.2739



32.1024, 21.5863, 37.5981

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.



57.7283, 40.9448, 45.8040



26.5352, 40.9448, 24.2739



47.2880, 40.9448, 99.9157

Square

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



26.5352, 40.9448, 24.2739



30.9638, 40.9448, 97.8560



54.6518, 40.9448, 73.8901



48.1269, 40.9448, 15.3179

Rectangle

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



26.5352, 40.9448, 24.2739



25.3418, 40.9448, 61.2357



54.6518, 40.9448, 73.8901



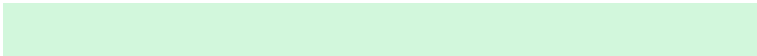
56.6370, 40.9448, 31.2597

Sweetspot

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



26.5362, 40.9465, 24.2748



72.9973, 85.6660, 80.7245



36.0974, 46.0388, 17.3402



15.6007, 18.6030, 17.1394



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.



26.5362, 40.9465, 24.2748



42.4446, 70.8996, 34.8315



30.2266, 42.4226, 43.7077



9.5139, 10.6917, 10.6897



12.6903, 24.6664, 6.4318



0.5258, 0.9777, 0.4031

Inverse Universe

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



32.1024, 21.5863, 37.5981



53.5148, 32.2546, 61.2255



28.5460, 20.1638, 18.8705



9.8148, 9.6502, 11.4135



17.1885, 8.5065, 16.8179



0.6996, 0.3437, 0.7971

Previews

White Background



This preview shows how the XYZ color 26.5352, 40.9448, 24.2739 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 26.5352, 40.9448, 24.2739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

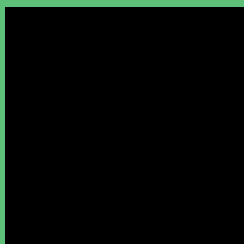
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.5352, 40.9448, 24.2739

Background



This preview shows how black text looks on a background with the XYZ color 26.5352, 40.9448, 24.2739.



This preview shows how white text looks on a background with the XYZ color 26.5352, 40.9448,

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

26.5352, 40.9448, 24.2739

Protanopia

37.3069, 40.2336, 21.1288

Deuteranopia

40.9505, 40.1183, 25.3239



Tritanopia

33.3738, 40.8862, 58.3574

Trichromacy



Original Color

26.5352, 40.9448, 24.2739



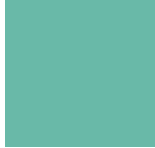
Protanomaly

31.9638, 39.7540, 22.2083



Deuteranomaly

33.4820, 39.0238, 24.8364



Tritanomaly

30.2425, 40.5283, 43.2746

Monochromacy



Original Color

26.5352, 40.9448, 24.2739



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

28.2169, 34.4960, 30.7624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5352, 40.9448, 24.2739 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(93, 191, 120)` looks like.

```
.text, #text, p{  
    color:rgb(93, 191, 120)  
}
```

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(93, 191, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 191, 120) }
```

Border

The CSS property to change the border of an element to XYZ 26.5352, 40.9448, 24.2739 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(93, 191, 120) }
```


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

```
.border{ border-color:rgb(93, 191, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 191, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 191, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 191, 120);  
box-shadow:4px 4px 4px 4px rgb(93, 191,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5352, 40.9448, 24.2739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 191, 120) }
```

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

```
.background{ background-color: rgb(93, 191,  
120) }
```

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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