

Converting Colors

XYZ(26.7964, 40.8125, 40.0219)

Have a look what the booklet for
XYZ(26.7964, 40.8125, 40.0219)
contains.

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Color

**XYZ(26.7512, 40.7047,
40.1651)**

Conversions

Conversions Part 1

Format	Color
Hex	39BFA1
RGB	57, 191, 161
RGB Percent	22%, 75%, 63%
CMY	0.7764, 0.2510, 0.3686
CMYK	0.70, 0.00, 0.16, 0.25
HSL	167°, 54%, 49%
HSV	167°, 70%, 75%
XYZ	26.7512, 40.7047, 40.1651
YIQ	147.5140, -70.2340, -37.7380

Conversions

Conversions Part 2

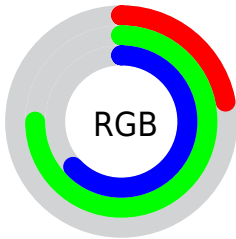
Format	Color
RYB	57, 132, 191
Decimal	3784609
CIELab	69.97, -42.88, 4.79
CIElCh	70, 43.149, 173.633
Yxy	40.7047, 0.2486, 0.3782
Android (android.graphics.Color)	4281974689 (0xFF39BFA1)
YUV	147.5140, 6.6486, -79.3808
Hunter-Lab	63.8002, -36.8060, 7.3345

Details

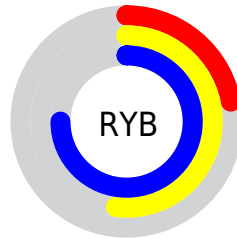
The XYZ color **26.7512, 40.7047, 40.1651** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **24.6707, 14.6919, 10.5540**, and the grayscale version is **27.9415, 29.3967, 32.0130**.

A 20% lighter version of the original color is **53.8472, 76.1576, 76.8276**, and **11.7601, 19.0171, 17.8027** is the 20% darker color. If you saturate the color by 10%, you get **25.4897, 40.0982, 38.1716**, and if you desaturate by 10%, it is **28.4373, 41.5306, 42.2476**.

Distribution



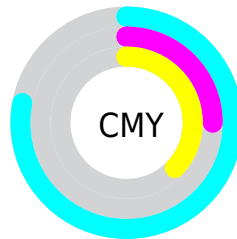
- Red (22%)
- Green (75%)
- Blue (63%)



- Red (22%)
- Yellow (52%)
- Blue (75%)



- Cyan (70%)
- Magenta (0%)
- Yellow (16%)
- Black (25%)





- Cyan (78%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7512, 40.7047, 40.1651 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 26.7512, 40.7047, 40.1651 by changing the saturation by 10% instead.


 26.7512, 40.7047,
40.1651


 26.7512, 40.7047,
40.1651


278.6400,
349.0849, 362.3917


 17.5221, 28.0884,
27.3525


 53.9071, 76.2354,
76.6547


 10.7050, 18.3923,
17.6034


 72.5645, 99.9186,
101.1688


 5.9347, 11.2320,
10.4991


 95.0955, 128.0596,
130.4205

 2.8457, 6.2231,
5.6212

 121.8653,
161.0428, 164.8283

 1.0727, 2.9812,
2.5511

 153.2393,
199.2525, 204.8108

 0.0021, 1.1219,
0.8671

189.5828,

 0.0000, 0.0000,

243.0731, 250.7865

0.0000

231.2613,
292.8892, 303.1740

■ 26.7512, 40.7047,
40.1651

■ 26.7512, 40.7047,
40.1651

■ 25.4897, 40.0982,
38.1716

■ 28.4373, 41.5306,
42.2476

■ 24.6006, 39.6812,
36.2614

■ 30.5859, 42.5924,
44.4188

■ 23.9957, 39.4087,
34.4578

■ 33.2344, 43.9104,
46.6820

■ 36.4155, 45.5014,
49.0395

■ 40.1589, 47.3808,
51.4932

■ 44.4922, 49.5627,
54.0450

■ 49.4411, 52.0604,
56.6968

■ 55.0299, 54.8863,
59.4502

■ 61.2813, 58.0523,
62.3070

Harmonies

Analogous

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



28.7942, 40.7047, 25.1030



26.7512, 40.7047, 40.1651



27.5808, 40.7047, 61.7182

Triad

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



26.7512, 40.7047, 40.1651



44.3634, 40.7047, 90.0787



47.2686, 40.7047, 19.8879

Complementary

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



26.7512, 40.7047, 40.1651



24.6707, 14.6919, 10.5540

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.



52.4382, 40.7047, 30.5443



26.7512, 40.7047, 40.1651



50.6238, 40.7047, 71.4615

Square

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



26.7512, 40.7047, 40.1651



37.2091, 40.7047, 94.9909



53.7348, 40.7047, 48.7531



40.2068, 40.7047, 15.9087

Rectangle

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



26.7512, 40.7047, 40.1651



29.7079, 40.7047, 76.7539



53.7348, 40.7047, 48.7531



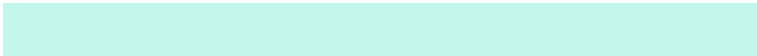
49.3182, 40.7047, 22.6176

Sweetspot

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



26.7523, 40.7063, 40.1661



71.0784, 84.4320, 91.6945



23.4205, 39.6465, 10.2898



15.1814, 18.3260, 19.8630



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.



26.7523, 40.7063, 40.1661



44.7492, 71.3875, 66.5742



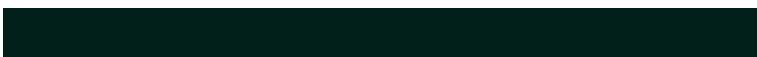
22.8584, 28.1646, 53.5236



9.7147, 10.7720, 11.7469



15.8004, 25.9105, 22.8096



0.6419, 1.0241, 1.0144

Inverse Universe

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



24.6707, 14.6919, 10.5540



40.9095, 22.0004, 10.9147



26.1168, 19.1551, 6.1925



9.6153, 9.5704, 10.3632



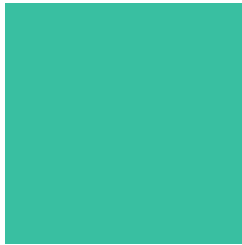
14.4296, 7.4030, 2.2897



0.5906, 0.3001, 0.2235

Previews

White Background



This preview shows how the XYZ color 26.7512, 40.7047, 40.1651 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 26.7512, 40.7047, 40.1651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

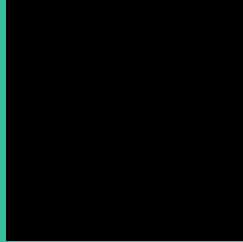
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.7512, 40.7047, 40.1651

Background



This preview shows how black text looks on a background with the XYZ color 26.7512, 40.7047, 40.1651.



This preview shows how white text looks on a background with the XYZ color 26.7512, 40.7047,

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

26.7512, 40.7047, 40.1651

Protanopia

37.7442, 39.8930, 34.1445

Deuteranopia

40.7440, 39.9057, 42.1144



Tritanopia

30.8721, 40.4515, 61.4391

Trichromacy



Original Color

26.7512, 40.7047, 40.1651



Protanomaly

31.1448, 38.7307, 35.9713



Deuteranomaly

32.7428, 38.5642, 41.3152



Tritanomaly

29.0875, 40.3510, 52.7098

Monochromacy



Original Color

26.7512, 40.7047, 40.1651



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

26.0955, 32.4957, 35.0339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7512, 40.7047, 40.1651 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(57, 191, 161)` looks like.

```
.text, #text, p{  
    color:rgb(57, 191, 161)  
}
```

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(57, 191, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 191, 161) }
```

Border

The CSS property to change the border of an element to XYZ 26.7512, 40.7047, 40.1651 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(57, 191, 161) }
```


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

```
.border{ border-color:rgb(57, 191, 161) }
```

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

Here you see how a box with a 4 pixel rgb(57, 191, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 191, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 191, 161);  
box-shadow:4px 4px 4px 4px rgb(57, 191,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7512, 40.7047, 40.1651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 191, 161) }
```

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

```
.background{ background-color: rgb(57, 191,  
161) }
```

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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