

Converting Colors

XYZ(16.6677, 24.2273, 22.4712)

Have a look what the booklet for
XYZ(16.6677, 24.2273, 22.4712)
contains.

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Color

**XYZ(16.6373, 24.1182,
22.5173)**

Conversions

Conversions Part 1

Format	Color
Hex	43957B
RGB	67, 149, 123
RGB Percent	26%, 58%, 48%
CMY	0.7372, 0.4157, 0.5176
CMYK	0.55, 0.00, 0.17, 0.42
HSL	161°, 38%, 42%
HSV	161°, 55%, 58%
XYZ	16.6373, 24.1182, 22.5173
YIQ	121.5180, -40.5260, -25.4700

Conversions

Conversions Part 2

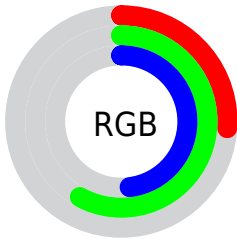
Format	Color
R _Y B	67, 116, 149
Decimal	4429179
CIE Lab	56.21, -31.54, 6.22
CIE LCh	56, 32.145, 168.841
Yxy	24.1182, 0.2629, 0.3812
Android (android.graphics.Color)	4282619259 (0xFF43957B)
YUV	121.5180, 0.7306, -47.8123
Hunter-Lab	49.1103, -25.4718, 7.1925

Details

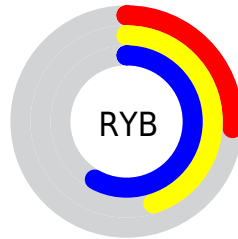
The XYZ color **16.6373, 24.1182, 22.5173** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **16.3781, 11.1947, 11.6543**, and the grayscale version is **18.3494, 19.3050, 21.0231**.

A 20% lighter version of the original color is **37.3568, 50.4185, 48.3203**, and **5.6037, 9.2298, 7.9647** is the 20% darker color. If you saturate the color by 10%, you get **15.4558, 23.5431, 20.9555**, and if you desaturate by 10%, it is **18.0973, 24.8365, 24.1677**.

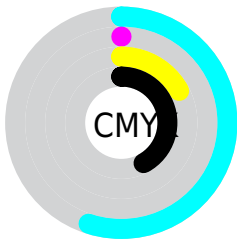
Distribution



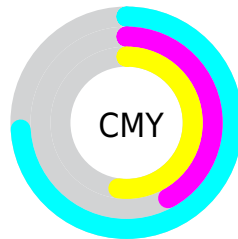
- Red (26%)
- Green (58%)
- Blue (48%)



- Red (26%)
- Yellow (45%)
- Blue (58%)



- Cyan (55%)
- Magenta (0%)
- Yellow (17%)
- Black (42%)



- Cyan (74%)
- Magenta (42%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6373, 24.1182, 22.5173 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 16.6373, 24.1182, 22.5173 by changing the saturation by 10% instead.

■ 16.6373, 24.1182,
22.5173

■ 16.6373, 24.1182,
22.5173

226.2707,
273.4175, 278.2771

■ 10.0699, 15.4213,
14.0356

■ 37.2497, 50.2230,
48.5126

■ 5.5080, 9.1156,
8.0064

■ 52.0254, 68.3997,
66.8633

■ 2.5861, 4.8167,
4.0112

■ 70.2680, 90.5052,
89.3406

■ 0.9389, 2.1401,
1.6315

■ 92.3427, 116.9238,
116.3632

■ 0.0000, 0.6870,
0.3131

■ 118.6150,
148.0400, 148.3497

■ 0.0000, 0.0000,
0.0000

149.4502,

184.2380, 185.7184

185.2137,
225.9024, 228.8880

■ 16.6373, 24.1182,
22.5173

■ 16.6373, 24.1182,
22.5173

■ 15.4558, 23.5431,
20.9555

■ 18.0973, 24.8365,
24.1677

■ 14.5299, 23.0975,
19.4786

■ 19.8524, 25.7046,
25.9070

■ 13.8364, 22.7701,
18.0851

■ 21.9201, 26.7322,
27.7374

■ 13.3444, 22.5450,
16.7723

■ 24.3162, 27.9273,
29.6607

■ 13.1340, 22.4502,
16.1480

■ 27.0552, 29.2975,
31.6786

■ 30.1507, 30.8497,
33.7926

■ 33.6158, 32.5906,
36.0042

■ 37.4625, 34.5265,
38.3150

■ 41.7026, 36.6634,
40.7264

Harmonies

Analogous

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



17.9810, 24.1182, 15.0188



16.6373, 24.1182, 22.5173



16.8370, 24.1182, 33.3931

Triad

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



16.6373, 24.1182, 22.5173



25.2949, 24.1182, 50.6007



27.9233, 24.1182, 13.7296

Complementary

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



16.6373, 24.1182, 22.5173



16.3781, 11.1947, 11.6543

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.



30.3244, 24.1182, 20.2238



16.6373, 24.1182, 22.5173



28.6979, 24.1182, 42.0528

Square

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



16.6373, 24.1182, 22.5173



21.5763, 24.1182, 51.7009



30.6222, 24.1182, 30.3974



24.3259, 24.1182, 10.9319

Rectangle

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



16.6373, 24.1182, 22.5173



17.8244, 24.1182, 41.1960



30.6222, 24.1182, 30.3974



28.9130, 24.1182, 15.4572

Sweetspot

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



16.6380, 24.1192, 22.5179



42.4999, 49.4901, 52.3053



16.4116, 24.2984, 9.1356



9.2459, 10.8815, 11.4552



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



16.6380, 24.1192, 22.5179



27.2566, 41.9570, 36.9038



16.4508, 20.7852, 31.5797



5.8866, 6.5312, 7.0140



11.0675, 18.8998, 13.6631



0.1489, 0.2367, 0.2379

Inverse Universe

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



16.3781, 11.1947, 11.6543



26.7637, 16.3767, 15.5091



16.3260, 12.6308, 6.8881



5.8721, 5.8439, 6.4324



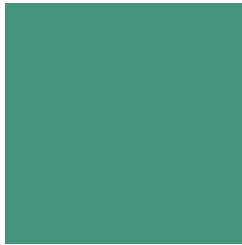
10.8800, 5.5570, 2.8490



0.1454, 0.0729, 0.0993

Previews

White Background



This preview shows how the XYZ color 16.6373, 24.1182, 22.5173 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 16.6373, 24.1182, 22.5173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

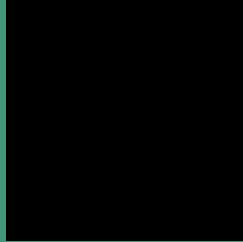
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.6373, 24.1182, 22.5173

Background



This preview shows how black text looks on a background with the XYZ color 16.6373, 24.1182, 22.5173.



This preview shows how white text looks on a background with the XYZ color 16.6373, 24.1182,

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

16.6373, 24.1182, 22.5173

Protanopia

22.6041, 23.9507, 19.6512

Deuteranopia

24.0754, 23.6224, 23.3693



Tritanopia

19.1159, 23.9665, 35.0710

Trichromacy



Original Color

16.6373, 24.1182, 22.5173

Protanomaly

19.4421, 23.3507, 20.6220

Deuteranomaly

20.1778, 23.0366, 23.1217

Tritanomaly

18.1370, 24.0272, 30.0674

Monochromacy



Original Color

16.6373, 24.1182, 22.5173

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.2436, 20.7324, 21.5053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6373, 24.1182, 22.5173 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(67, 149, 123)` looks like.

```
.text, #text, p{  
    color:rgb(67, 149, 123)  
}
```

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(67, 149, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 149, 123) }
```

Border

The CSS property to change the border of an element to XYZ 16.6373, 24.1182, 22.5173 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(67, 149, 123) }
```


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

```
.border{ border-color:rgb(67, 149, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 149, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 149, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 149, 123);  
box-shadow:4px 4px 4px 4px rgb(67, 149,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6373, 24.1182, 22.5173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 149, 123) }
```

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

```
.background{ background-color: rgb(67, 149,  
123) }
```

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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