

Converting Colors

$Yxy(41.7745, 0.2532, 0.3428)$

Have a look what the booklet for
Yxy(41.7745, 0.2532, 0.3428)
contains.

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Color

Yxy(41.6008, 0.2532, 0.3427)

Conversions

Conversions Part 1

Format	Color
Hex	5EBCB3
RGB	94, 188, 179
RGB Percent	37%, 74%, 70%
CMY	0.6313, 0.2627, 0.2981
CMYK	0.50, 0.00, 0.05, 0.26
HSL	174°, 41%, 55%
HSV	174°, 50%, 74%
XYZ	30.7363, 41.6008, 49.0542
YIQ	158.8680, -53.1350, -22.7270

Conversions

Conversions Part 2

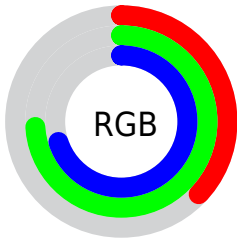
Format	Color
R _Y B	94, 143, 188
Decimal	6208691
CIE Lab	70.59, -30.06, -4.02
CIE LCh	71, 30.326, 187.617
Yxy	41.6008, 0.2532, 0.3427
Android (android.graphics.Color)	4284398771 (0xFF5EBCB3)
YUV	158.8680, 9.9251, -56.8892
Hunter-Lab	64.4987, -27.8101, 0.0563

Details

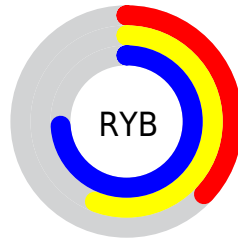
The Yxy color **41.6008, 0.2532, 0.3427** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **19.6793, 0.4381, 0.3170**, and the grayscale version is **34.5816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8823, 0.2641, 0.3405**, and **18.8479, 0.2363, 0.3464** is the 20% darker color. If you saturate the color by 10%, you get **40.6541, 0.2455, 0.3459**, and if you desaturate by 10%, it is **42.7938, 0.2626, 0.3396**.

Distribution



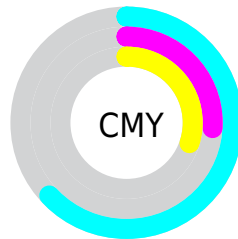
- Red (37%)
- Green (74%)
- Blue (70%)



- Red (37%)
- Yellow (56%)
- Blue (74%)



- Cyan (50%)
- Magenta (0%)
- Yellow (5%)
- Black (26%)





- Cyan (63%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.6008, 0.2532, 0.3427 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 Yxy color 41.6008, 0.2532, 0.3427 by changing the saturation by 10% instead.


 41.6008, 0.2532,
0.3427

 41.6008, 0.2532,
0.3427


352.8254, 0.2831,
0.3362


 28.7888, 0.2457,
0.3442


 77.5951, 0.2641,
0.3404

 18.9211, 0.2361,
0.3461

 101.5462, 0.2682,
0.3395

 11.6133, 0.2232,
0.3485


 129.9792, 0.2716,
0.3388

 6.4810, 0.2054,
0.3515

 163.2784, 0.2746,
0.3381

 3.1397, 0.1791,
0.3553

201.8282, 0.2772,
0.3375

 1.2051, 0.1164,
0.3680

246.0131, 0.2794,

 0.0658, 0.0000,

0.3370

0.1573

296.2173, 0.2814,
0.3366

0.0000, 0.0000,
0.0000

41.6008, 0.2532,
0.3427

41.6008, 0.2532,
0.3427

40.6541, 0.2455,
0.3459

42.7938, 0.2626,
0.3396

39.9308, 0.2397,
0.3491

44.2442, 0.2735,
0.3367

39.4123, 0.2358,
0.3524


45.9685, 0.2857,
0.3339


39.0745, 0.2337,
0.3557


47.9801, 0.2989,
0.3313

38.8694, 0.2330,
0.3589

50.2919, 0.3127,
0.3290

 38.8692, 0.2330,
0.3589

 52.9156, 0.3270,
0.3269

 55.8626, 0.3415,
0.3250

 59.1437, 0.3559,
0.3233

 61.1772, 0.3633,
0.3217

Harmonies

Analogous

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



41.6008, 0.2884, 0.3836



41.6008, 0.2532, 0.3427



41.6008, 0.2342, 0.3008

Triad

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



41.6008, 0.2532, 0.3427



41.6008, 0.2890, 0.2630



41.6008, 0.3968, 0.3810

Complementary

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



41.6008, 0.2532, 0.3427



19.6793, 0.4381, 0.3170

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.



41.6008, 0.3982, 0.3475



41.6008, 0.2532, 0.3427



41.6008, 0.3334, 0.2823

Square

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



41.6008, 0.2532, 0.3427



41.6008, 0.2537, 0.2584



41.6008, 0.3744, 0.3123



41.6008, 0.3718, 0.4041

Rectangle

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



41.6008, 0.2532, 0.3427



41.6008, 0.2322, 0.2791



41.6008, 0.3744, 0.3123



41.6008, 0.4001, 0.3705

Sweetspot

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



41.6024, 0.2532, 0.3427



84.9730, 0.2918, 0.3327



39.6840, 0.3119, 0.4826



18.1109, 0.2891, 0.3332



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



41.6024, 0.2532, 0.3427



73.5300, 0.2449, 0.3462



27.9543, 0.2365, 0.2680



10.7934, 0.2997, 0.3312



26.4695, 0.2329, 0.3585



1.0415, 0.2308, 0.3507

Inverse Universe

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



19.6793, 0.4381, 0.3170



29.2667, 0.4838, 0.3155



27.8969, 0.4229, 0.3811



9.5508, 0.3274, 0.3268



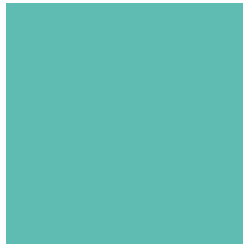
7.3142, 0.6275, 0.3230



0.2916, 0.5860, 0.3002

Previews

White Background



This preview shows how the Yxy color 41.6008, 0.2532, 0.3427 looks on a white background.

Color Contrast Check

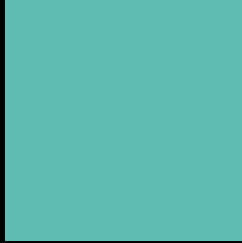
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 41.6008, 0.2532, 0.3427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

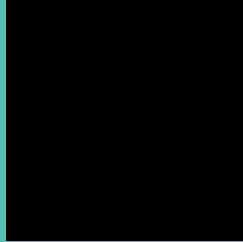
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

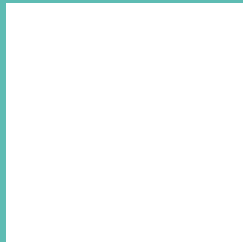
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.6008, 0.2532, 0.3427

Background



This preview shows how black text looks on a background with the Yxy color 41.6008, 0.2532, 0.3427.



This preview shows how white text looks on a background with the Yxy color 41.6008, 0.2532, 0.3427.

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

41.6008, 0.2532, 0.3427

Protanopia

41.1044, 0.3180, 0.3318

Deuteranopia

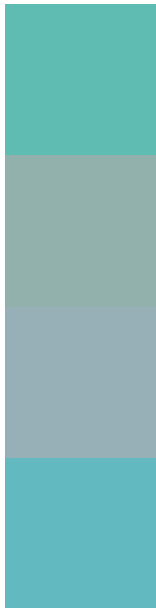
41.1654, 0.3129, 0.3066



Tritanopia

41.6348, 0.2442, 0.3068

Trichromacy



Original Color

41.6008, 0.2532, 0.3427

Protanomaly

40.5724, 0.2897, 0.3347

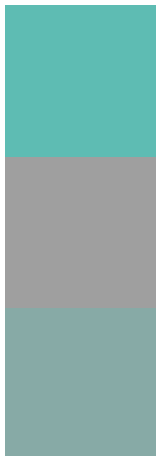
Deuteranomaly

40.6167, 0.2870, 0.3190

Tritanomaly

41.5203, 0.2473, 0.3198

Monochromacy



Original Color

41.6008, 0.2532, 0.3427

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

36.6535, 0.2856, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6008, 0.2532, 0.3427 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(94, 188, 179)` looks like.

```
.text, #text, p{  
    color:rgb(94, 188, 179)  
}
```

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(94, 188, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 188, 179) }
```

Border

The CSS property to change the border of an element to Yxy 41.6008, 0.2532, 0.3427 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(94, 188, 179) }
```

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

```
.border{ border-color:rgb(94, 188, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 188, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 188, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 188, 179);  
box-shadow:4px 4px 4px 4px rgb(94, 188,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6008, 0.2532, 0.3427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 188, 179) }
```

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

```
.background{ background-color: rgb(94, 188,  
179) }
```

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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