

Converting Colors

$Yxy(24.7328, 0.2362, 0.3522)$

Have a look what the booklet for
 $Y_{xy}(24.7328, 0.2362, 0.3522)$
contains.

$Y_{xy}(24.6556, 0.2357, 0.3507)$	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

$\text{Yxy}(24.6556, 0.2357, 0.3507)$

Conversions

Conversions Part 1

Format	Color
Hex	1E988D
RGB	30, 152, 141
RGB Percent	12%, 60%, 55%
CMY	0.8823, 0.4039, 0.4471
CMYK	0.80, 0.00, 0.07, 0.40
HSL	175°, 67%, 36%
HSV	175°, 80%, 60%
XYZ	16.5706, 24.6556, 29.0777
YIQ	114.2680, -69.1810, -29.2850

Conversions

Conversions Part 2

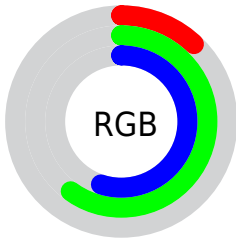
Format	Color
R_{YB}	30, 94, 152
Decimal	2005133
CIE _{Lab}	56.74, -34.21, -3.38
CIE _{LCh}	57, 34.373, 185.649
Yxy	24.6556, 0.2357, 0.3507
Android (android.graphics.Color)	4280195213 (0xFF1E988D)
YUV	114.2680, 13.1789, -73.9030
Hunter-Lab	49.6544, -27.3263, 0.0377

Details

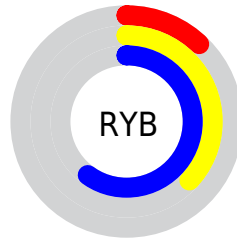
The Yxy color **24.6556, 0.2357, 0.3507** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **7.7660, 0.5650, 0.3176**, and the grayscale version is **16.8894, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.1624, 0.2515, 0.3459**, and **9.8697, 0.2320, 0.3553** is the 20% darker color. If you saturate the color by 10%, you get **24.4396, 0.2334, 0.3537**, and if you desaturate by 10%, it is **24.9843, 0.2398, 0.3477**.

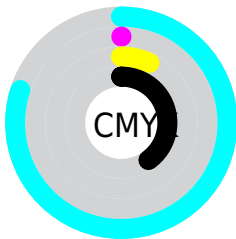
Distribution



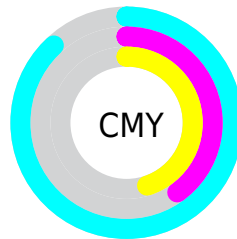
- Red (12%)
- Green (60%)
- Blue (55%)



- Red (12%)
- Yellow (37%)
- Blue (60%)



- Cyan (80%)
- Magenta (0%)
- Yellow (7%)
- Black (40%)




- Cyan (88%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6556, 0.2357, 0.3507 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 24.6556, 0.2357, 0.3507 by changing the saturation by 10% instead.


 24.6556, 0.2357,
0.3507


 24.6556, 0.2357,
0.3507


276.1184, 0.2776,
0.3394


 15.8207, 0.2240,
0.3536


 51.0980, 0.2518,
0.3465

 9.3973, 0.2083,
0.3574


 69.4741, 0.2576,
0.3449


 5.0012, 0.1860,
0.3624

 91.7995, 0.2624,
0.3436


 2.2480, 0.1525,
0.3690

 118.4585, 0.2664,
0.3425

 0.7460, 0.0000,
0.4151

 149.8355, 0.2698,
0.3416

 0.0000, 0.0000,
0.0000

 186.3149, 0.2728,

0.3407

228.2811, 0.2754,
0.3400

■ 24.6556, 0.2357,
0.3507

■ 24.6556, 0.2357,
0.3507

■ 24.4396, 0.2334,
0.3537

■ 24.9843, 0.2398,
0.3477

■ 24.3004, 0.2324,
0.3566

■ 25.4369, 0.2457,
0.3447

■ 26.0263, 0.2534,
0.3417

■ 26.7631, 0.2628,
0.3389

■ 27.6567, 0.2736,
0.3362

■ 28.7160, 0.2857,
0.3336

■ 29.9489, 0.2987,
0.3312

■ 31.3631, 0.3124,
0.3291

■ 32.9656, 0.3265,
0.3271

Harmonies

Analogous

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



24.6556, 0.2826, 0.4077



24.6556, 0.2357, 0.3507



24.6556, 0.2103, 0.2927

Triad

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



24.6556, 0.2357, 0.3507



24.6556, 0.2768, 0.2418



24.6556, 0.4264, 0.3929

Complementary

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



24.6556, 0.2357, 0.3507



7.7660, 0.5650, 0.3176

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.



24.6556, 0.4272, 0.3480



24.6556, 0.2357, 0.3507



24.6556, 0.3358, 0.2655

Square

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



24.6556, 0.2357, 0.3507



24.6556, 0.2322, 0.2366



24.6556, 0.3930, 0.3030



24.6556, 0.3934, 0.4276

Rectangle

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



24.6556, 0.2357, 0.3507



24.6556, 0.2069, 0.2637



24.6556, 0.3930, 0.3030



24.6556, 0.4307, 0.3785

Sweetspot

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



24.6565, 0.2357, 0.3507



49.8586, 0.2804, 0.3347



23.0484, 0.3069, 0.5691



11.1942, 0.2765, 0.3355



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



24.6565, 0.2357, 0.3507



42.9562, 0.2328, 0.3560



12.2863, 0.2019, 0.2240



7.0169, 0.3000, 0.3310



20.3767, 0.2323, 0.3564



0.3071, 0.2286, 0.3430

Inverse Universe

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



7.7660, 0.5650, 0.3176



12.0229, 0.6222, 0.3236



12.3351, 0.5139, 0.3970



6.2313, 0.3270, 0.3270



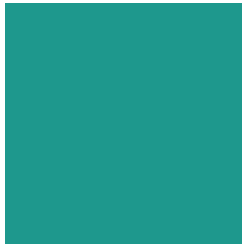
5.6254, 0.6269, 0.3227



0.0862, 0.5703, 0.2916

Previews

White Background



This preview shows how the Yxy color 24.6556, 0.2357, 0.3507 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 Yxy color 24.6556, 0.2357, 0.3507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

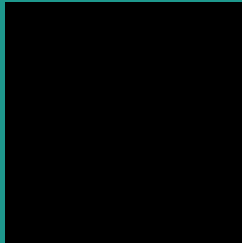
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.6556, 0.2357, 0.3507

Background



This preview shows how black text looks on a background with the Yxy color 24.6556, 0.2357, 0.3507.

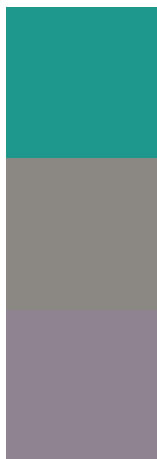


This preview shows how white text looks on a background with the Yxy color 24.6556, 0.2357, 0.3507.

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

24.6556, 0.2357, 0.3507

Protanopia

24.4556, 0.3214, 0.3358

Deuteranopia

24.2062, 0.3127, 0.3061



Tritanopia

24.6489, 0.2275, 0.3063

Trichromacy



Original Color

24.6556, 0.2357, 0.3507

Protanomaly

23.4517, 0.2762, 0.3402

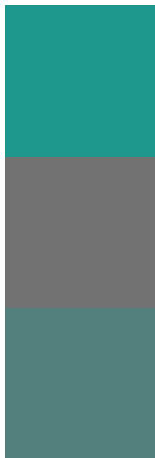
Deuteranomaly

23.3624, 0.2718, 0.3197

Tritanomaly

24.5969, 0.2299, 0.3211

Monochromacy



Original Color

24.6556, 0.2357, 0.3507

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

18.7326, 0.2686, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6556, 0.2357, 0.3507 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(30, 152, 141)` looks like.

```
.text, #text, p{  
  color:rgb(30, 152, 141)  
}
```

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(30, 152, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 152, 141) }
```

Border

The CSS property to change the border of an element to Yxy 24.6556, 0.2357, 0.3507 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(30, 152, 141) }
```

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

```
.border{ border-color:rgb(30, 152, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 152, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 152, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 152, 141);  
box-shadow:4px 4px 4px 4px rgb(30, 152,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6556, 0.2357, 0.3507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 152, 141) }
```

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

```
.background{ background-color: rgb(30, 152,  
141) }
```

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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