

Converting Colors

$Y_{xy}(17.5029, 0.2661, 0.2660)$

Have a look what the booklet for
Yxy(17.5029, 0.2661, 0.2660)
contains.

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Color

Yxy(17.4956, 0.2656, 0.2656)

Conversions

Conversions Part 1

Format	Color
Hex	6A7395
RGB	106, 115, 149
RGB Percent	42%, 45%, 58%
CMY	0.5844, 0.5490, 0.4158
CMYK	0.29, 0.23, 0.00, 0.42
HSL	227°, 17%, 50%
HSV	227°, 29%, 58%
XYZ	17.4956, 17.4956, 30.8808
YIQ	116.1850, -16.2780, 8.6660

Conversions

Conversions Part 2

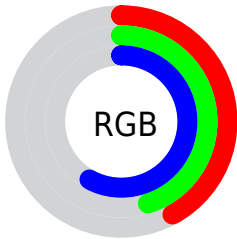
Format	Color
R _Y B	106, 113, 149
Decimal	6976405
CIE Lab	48.88, 4.78, -19.54
CIE LCh	49, 20.119, 283.731
Yxy	17.4956, 0.2656, 0.2656
Android (android.graphics.Color)	4285166485 (0xFF6A7395)
YUV	116.1850, 16.1778, -8.9322
Hunter-Lab	41.8277, 1.4640, -14.4935

Details

The Yxy color $17.4956, 0.2656, 0.2656$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $26.1668, 0.3587, 0.3852$, and the grayscale version is $17.4768, 0.3127, 0.3290$.

A 20% lighter version of the original color is $39.2183, 0.2765, 0.2802$, and $5.7660, 0.2456, 0.2400$ is the 20% darker color. If you saturate the color by 10%, you get $14.1469, 0.2472, 0.2392$, and if you desaturate by 10%, it is $21.3468, 0.2831, 0.2899$.

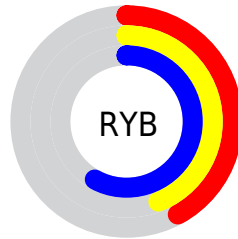
Distribution



Red (42%)

Green (45%)

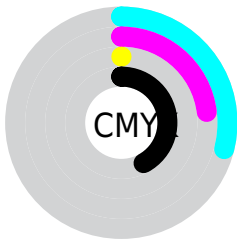
Blue (58%)



Red (42%)

Yellow (44%)

Blue (58%)

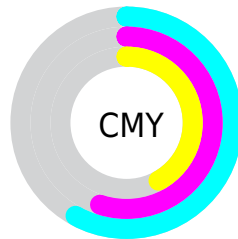


Cyan (29%)

Magenta (23%)

Yellow (0%)

Black (42%)



Cyan (58%)

Magenta (55%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.4956, 0.2656, 0.2656 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 17.4956, 0.2656, 0.2656 by changing the saturation by 10% instead.

■ 17.4956, 0.2656,
0.2656

■ 17.4956, 0.2656,
0.2656

■ 238.0124, 0.2928,
0.3015

■ 10.5885, 0.2573,
0.2550

■ 39.1759, 0.2765,
0.2798

■ 5.7908, 0.2457,
0.2402

■ 54.7179, 0.2802,
0.2848

■ 2.7183, 0.2281,
0.2185

■ 73.9070, 0.2833,
0.2888

■ 0.9865, 0.1991,
0.1838

■ 97.1276, 0.2858,
0.2922

■ 0.0000, 0.0000,
0.0000

■ 124.7640, 0.2880,
0.2951

■ 157.2007, 0.2898,

0.2975

194.8220, 0.2914,
0.2996

■ 17.4956, 0.2656,
0.2656

■ 17.4956, 0.2656,
0.2656

■ 14.1469, 0.2472,
0.2392

■ 21.3468, 0.2831,
0.2899

■ 11.2776, 0.2283,
0.2110

■ 25.7183, 0.2994,
0.3117

■ 8.8658, 0.2098,
0.1821

■ 30.6294, 0.3143,
0.3311

■ 6.8869, 0.1926,
0.1537

■ 36.0980, 0.3278,
0.3481

■ 5.3141, 0.1777,
0.1271

■ 42.1408, 0.3399,
0.3630

■ 4.1171, 0.1659,
0.1041

■ 48.7742, 0.3508,
0.3760

■ 3.2485, 0.1575,
0.0856

■ 56.0138, 0.3604,
0.3873

■ 3.1660, 0.1566,
0.0837

■ 63.8744, 0.3690,
0.3971

■ 72.3706, 0.3767,
0.4056

Harmonies

Analogous

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



17.4956, 0.2450, 0.2740



17.4956, 0.2656, 0.2656



17.4956, 0.2995, 0.2725

Triad

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



17.4956, 0.2656, 0.2656



17.4956, 0.3900, 0.3524



17.4956, 0.2841, 0.3705

Complementary

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



17.4956, 0.2656, 0.2656



26.1668, 0.3587, 0.3852

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.



17.4956, 0.3220, 0.3948



17.4956, 0.2656, 0.2656



17.4956, 0.3843, 0.3808

Square

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



17.4956, 0.2656, 0.2656



17.4956, 0.3732, 0.3206



17.4956, 0.3589, 0.3977



17.4956, 0.2550, 0.3334

Rectangle

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



17.4956, 0.2656, 0.2656



17.4956, 0.3260, 0.2844



17.4956, 0.3589, 0.3977



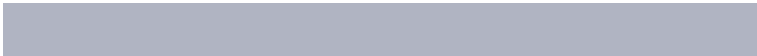
17.4956, 0.2962, 0.3806

Sweetspot

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



17.4963, 0.2656, 0.2656



45.8103, 0.2989, 0.3110



26.4352, 0.2797, 0.3456



9.9099, 0.2968, 0.3083



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



17.4963, 0.2656, 0.2656



27.1424, 0.2531, 0.2477



16.3343, 0.2778, 0.2512



5.8189, 0.2989, 0.3110



2.7024, 0.1569, 0.0847



0.0689, 0.1759, 0.1531

Inverse Universe

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



17.9283, 0.3610, 0.3136



28.2571, 0.3772, 0.3098



27.8303, 0.3414, 0.4021



5.8342, 0.3251, 0.3244



5.4662, 0.5994, 0.3076



0.0705, 0.5019, 0.2539

Previews

White Background



This preview shows how the Yxy color 17.4956, 0.2656, 0.2656 looks on a white 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

Black Background



This preview shows how the Yxy color 17.4956, 0.2656, 0.2656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

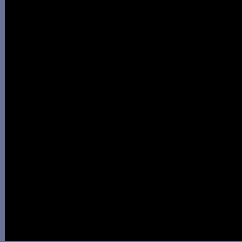
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

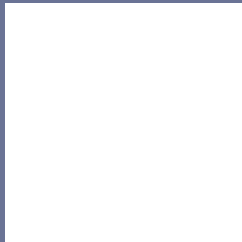
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 17.4956, 0.2656, 0.2656

Background



This preview shows how black text looks on a background with the Yxy color 17.4956, 0.2656, 0.2656.



This preview shows how white text looks on a background with the Yxy color 17.4956, 0.2656, 0.2656.

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

17.4956, 0.2656, 0.2656

Protanopia

17.5572, 0.2667, 0.2657

Deuteranopia

17.5196, 0.2697, 0.2644



Tritanopia

17.5769, 0.2826, 0.3110

Trichromacy



Original Color

17.4956, 0.2656, 0.2656

Protanomaly

17.5572, 0.2667, 0.2657

Deuteranomaly

17.4558, 0.2686, 0.2642

Tritanomaly

17.6180, 0.2755, 0.2938

Monochromacy



Original Color

17.4956, 0.2656, 0.2656

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

17.4940, 0.2940, 0.3057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4956, 0.2656, 0.2656 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(106, 115, 149)` looks like.

```
.text, #text, p{  
    color:rgb(106, 115, 149)  
}
```

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(106, 115, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 115, 149) }
```

Border

The CSS property to change the border of an element to Yxy 17.4956, 0.2656, 0.2656 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(106, 115, 149) }
```

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

```
.border{ border-color:rgb(106, 115, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 115, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 115, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 115, 149);  
box-shadow:4px 4px 4px 4px rgb(106, 115,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4956, 0.2656, 0.2656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 115, 149) }
```

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

```
.background{ background-color: rgb(106,  
115, 149) }
```

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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