

Converting Colors

$Yxy(29.5503, 0.3666, 0.3867)$

Have a look what the booklet for
Yxy(29.5503, 0.3666, 0.3867)
contains.

Yxy(29.6746, 0.3664, 0.3863)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.6746, 0.3664, 0.3863)

Conversions

Conversions Part 1

Format	Color
Hex	A2936E
RGB	162, 147, 110
RGB Percent	64%, 58%, 43%
CMY	0.3648, 0.4235, 0.5686
CMYK	0.00, 0.09, 0.32, 0.36
HSL	43°, 22%, 53%
HSV	43°, 32%, 64%
XYZ	28.1459, 29.6746, 18.9970
YIQ	147.2670, 20.8170, -8.3270

Conversions

Conversions Part 2

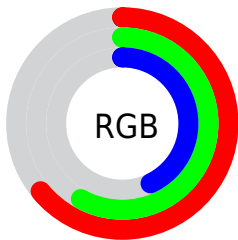
Format	Color
R_{YB}	131, 162, 110
Decimal	10654574
CIE Lab	61.37, -0.23, 21.64
CIE LCh	61, 21.646, 90.615
Yxy	29.6746, 0.3664, 0.3863
Android (android.graphics.Color)	4288844654 (0xFFA2936E)
YUV	147.2670, -18.3726, 12.9208
Hunter-Lab	54.4744, -3.1025, 17.4558

Details

The Yxy color $29.6746, 0.3664, 0.3863$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $20.5846, 0.2602, 0.2641$, and the grayscale version is $29.3649, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.1336, 0.3550, 0.3747$, and $12.1484, 0.3830, 0.4063$ is the 20% darker color. If you saturate the color by 10%, you get $27.9327, 0.3854, 0.4043$, and if you desaturate by 10%, it is $31.5425, 0.3483, 0.3680$.

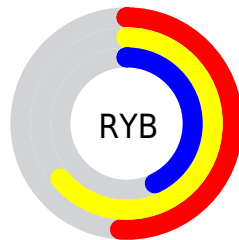
Distribution



Red (64%)

Green (58%)

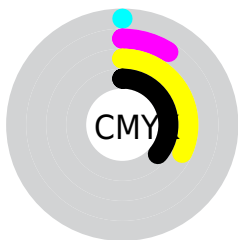
Blue (43%)



Red (51%)

Yellow (64%)

Blue (43%)

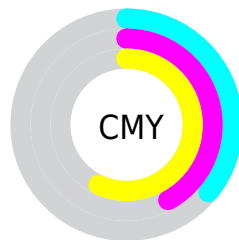


Cyan (0%)

Magenta (9%)

Yellow (32%)

Black (36%)



Cyan (36%)

Magenta (42%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.6746, 0.3664, 0.3863 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 29.6746, 0.3664, 0.3863 by changing the saturation by 10% instead.


 29.6746, 0.3664,
0.3863


 29.6746, 0.3664,
0.3863


300.3847, 0.3378,
0.3557


 19.5917, 0.3741,
0.3945


 59.1472, 0.3556,
0.3747


 12.0986, 0.3842,
0.4054


 79.3057, 0.3516,
0.3705

 6.8109, 0.3981,
0.4202


 103.5916, 0.3484,
0.3670

 3.3441, 0.4178,
0.4415

 132.3892, 0.3456,
0.3641

 1.3139, 0.4858,
0.5142

166.0829, 0.3432,
0.3615

 0.1519, 0.4773,
0.5227

205.0571, 0.3411,

 0.0000, 0.0000,

0.3593

0.0000

249.6963, 0.3393,
0.3574

■ 29.6746, 0.3664,
0.3863

■ 29.6746, 0.3664,
0.3863

■ 27.9327, 0.3854,
0.4043

■ 31.5425, 0.3483,
0.3680

■ 26.3087, 0.4049,
0.4210

■ 33.5364, 0.3313,
0.3499

■ 24.7993, 0.4240,
0.4356

■ 35.6613, 0.3158,
0.3325

■ 23.3994, 0.4421,
0.4471

■ 37.9207, 0.3017,
0.3161

■ 22.1036, 0.4581,
0.4544

■ 40.3179, 0.2889,
0.3007

■ 20.9052, 0.4715,
0.4570

■ 42.8562, 0.2775,
0.2865

■ 20.0148, 0.4806,
0.4566

■ 45.5385, 0.2673,
0.2733

■ 48.3679, 0.2581,
0.2613

■ 51.2962, 0.2504,
0.2511

Harmonies

Analogous

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



29.6746, 0.3820, 0.3658



29.6746, 0.3664, 0.3863



29.6746, 0.3366, 0.3917

Triad

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



29.6746, 0.3664, 0.3863



29.6746, 0.2514, 0.3143



29.6746, 0.3211, 0.2864

Complementary

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



29.6746, 0.3664, 0.3863



20.5846, 0.2602, 0.2641

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.



29.6746, 0.2863, 0.2733



29.6746, 0.3664, 0.3863



29.6746, 0.2477, 0.2872

Square

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



29.6746, 0.3664, 0.3863



29.6746, 0.2706, 0.3482



29.6746, 0.2601, 0.2731



29.6746, 0.3553, 0.3095

Rectangle

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



29.6746, 0.3664, 0.3863



29.6746, 0.3132, 0.3846



29.6746, 0.2601, 0.2731



29.6746, 0.3091, 0.2808

Sweetspot

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



29.6760, 0.3664, 0.3863



61.6119, 0.3283, 0.3466



20.3283, 0.3625, 0.3044



13.7245, 0.3304, 0.3489



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



29.6760, 0.3664, 0.3863



51.4452, 0.3809, 0.4001



33.5959, 0.3491, 0.4101



7.8909, 0.3268, 0.3449



15.8482, 0.4799, 0.4571



0.4076, 0.4537, 0.4780

Inverse Universe

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



20.5846, 0.2602, 0.2641



32.1556, 0.2464, 0.2455



17.7825, 0.2680, 0.2395



7.1769, 0.2987, 0.3125



3.7018, 0.1611, 0.1001



0.1548, 0.1808, 0.1709

Previews

White Background



This preview shows how the Yxy color 29.6746, 0.3664, 0.3863 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 29.6746, 0.3664, 0.3863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

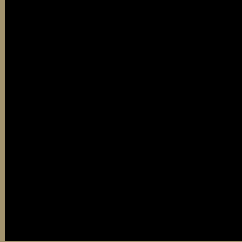
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.6746, 0.3664, 0.3863

Background



This preview shows how black text looks on a background with the Yxy color 29.6746, 0.3664, 0.3863.



This preview shows how white text looks on a background with the Yxy color 29.6746, 0.3664, 0.3863.

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

29.6746, 0.3664, 0.3863

Protanopia

29.6765, 0.3626, 0.3884

Deuteranopia

29.6077, 0.3826, 0.3748



Tritanopia

29.5322, 0.3297, 0.3128

Trichromacy



Original Color

29.6746, 0.3664, 0.3863

Protanomaly

29.7792, 0.3637, 0.3882

Deuteranomaly

29.6403, 0.3759, 0.3787

Tritanomaly

29.4504, 0.3428, 0.3382

Monochromacy



Original Color

29.6746, 0.3664, 0.3863

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.2641, 0.3308, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.6746, 0.3664, 0.3863 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(162, 147, 110)` looks like.

```
.text, #text, p{  
    color:rgb(162, 147, 110)  
}
```

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(162, 147, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 147, 110) }
```

Border

The CSS property to change the border of an element to Yxy 29.6746, 0.3664, 0.3863 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(162, 147, 110) }
```

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

```
.border{ border-color:rgb(162, 147, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 147, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 147, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 147, 110);  
box-shadow:4px 4px 4px 4px rgb(162, 147,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 29.6746, 0.3664, 0.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 147, 110) }
```

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

```
.background{ background-color: rgb(162,  
147, 110) }
```

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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