

Converting Colors

XYZ(7.9159, 10.6101, 12.3388)

Have a look what the booklet for
XYZ(7.9159, 10.6101, 12.3388)
contains.

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Color

**XYZ(7.9381, 10.6187,
12.4577)**

Conversions

Conversions Part 1

Format	Color
Hex	32645F
RGB	50, 100, 95
RGB Percent	20%, 39%, 37%
CMY	0.8039, 0.6078, 0.6274
CMYK	0.50, 0.00, 0.05, 0.61
HSL	174°, 33%, 29%
HSV	174°, 50%, 39%
XYZ	7.9381, 10.6187, 12.4577
YIQ	84.4800, -28.1950, -12.1550

Conversions

Conversions Part 2

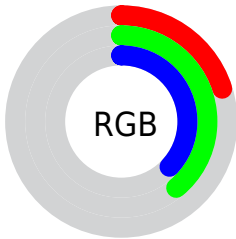
Format	Color
RYB	50, 76, 100
Decimal	3302495
CIELab	38.93, -18.21, -2.39
CIElCh	39, 18.370, 187.461
Yxy	10.6187, 0.2559, 0.3424
Android (android.graphics.Color)	4281492575 (0xFF32645F)
YUV	84.4800, 5.1864, -30.2390
Hunter-Lab	32.5863, -13.5431, 0.1440




Details

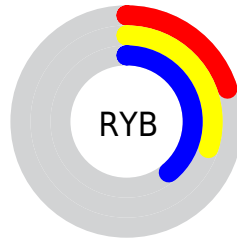
The XYZ color **7.9381, 10.6187, 12.4577** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7.0861, 5.2666, 4.2578**, and the grayscale version is **8.5202, 8.9639, 9.7617**.

A 20% lighter version of the original color is **21.4330, 26.8869, 30.8481**, and **1.8275, 2.7680, 3.3437** is the 20% darker color. If you saturate the color by 10%, you get **7.4529, 10.3740, 12.1994**, and if you desaturate by 10%, it is **8.5323, 10.9200, 12.7246**.

Distribution







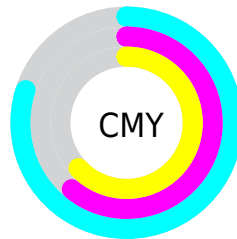
-  Red (20%)
-  Green (39%)
-  Blue (37%)






-  Red (20%)
-  Yellow (30%)
-  Blue (39%)



-  Cyan (50%)
-  Magenta (0%)
-  Yellow (5%)
-  Black (61%)



-  Cyan (80%)
-  Magenta (61%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 7.9381, 10.6187, 12.4577 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 7.9381, 10.6187, 12.4577 by changing the saturation by 10% instead.

7.9381, 10.6187,
12.4577

7.9381, 10.6187,
12.4577

169.6262,
195.0326, 218.4966

4.1068, 5.8111,
6.9299

21.5236, 26.9529,
31.0028

1.7628, 2.7305,
3.3405

32.0085, 39.2482,
44.8571

0.4951, 0.9927,
1.2710

45.4421, 54.8083,
62.3241

0.0000, 0.0000,
0.0379

62.1896, 74.0174,
83.8222

0.0000, 0.0000,
0.0000

82.6164, 97.2600,
109.7699

107.0878,

124.9204, 140.5859

135.9693,
157.3832, 176.6886

■ 7.9381, 10.6187,
12.4577

■ 7.9381, 10.6187,
12.4577

■ 7.4529, 10.3740,
12.1994

■ 8.5323, 10.9200,
12.7246

■ 7.0686, 10.1811,
11.9486

■ 9.2410, 11.2800,
12.9998

■ 6.7776, 10.0362,
11.7052

■ 10.0705, 11.7022,
13.2836

■ 6.5709, 9.9346,
11.4687

■ 11.0262, 12.1894,
13.5765

■ 6.4028, 9.8529,
11.2371

■ 12.1135, 12.7443,
13.8786

■ 6.4028, 9.8529,
11.2371

■ 13.3371, 13.3695,
14.1902

■ 14.7019, 14.0674,
14.5115

■ 16.2120, 14.8401,
14.8427

■ 17.8719, 15.6900,
15.1841

Harmonies

Analogous

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



8.0748, 10.6187, 9.1701



7.9381, 10.6187, 12.4577



8.3406, 10.6187, 16.1556

Triad

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



7.9381, 10.6187, 12.4577



11.5900, 10.6187, 17.7666



11.0203, 10.6187, 6.3948

Complementary

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



7.9381, 10.6187, 12.4577



7.0861, 5.2666, 4.2578

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.



12.0746, 10.6187, 7.9338



7.9381, 10.6187, 12.4577



12.4216, 10.6187, 14.3373

Square

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



7.9381, 10.6187, 12.4577



10.4009, 10.6187, 19.5979



12.6058, 10.6187, 10.7102



9.7908, 10.6187, 6.0919

Rectangle

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



7.9381, 10.6187, 12.4577



8.8812, 10.6187, 18.2115



12.6058, 10.6187, 10.7102



11.4098, 10.6187, 6.7672

Sweetspot

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



7.9384, 10.6191, 12.4579



18.3902, 20.8896, 23.5190



6.7548, 10.1810, 4.6269



4.4640, 5.1089, 5.7680



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



7.9384, 10.6191, 12.4579



12.9345, 18.1204, 21.3079



6.5460, 7.4586, 13.1518



2.8924, 3.1807, 3.5348



8.5641, 13.1893, 14.9981



44.4840, 68.7161, 77.2617

Inverse Universe

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



7.0861, 5.2666, 4.2578



11.2535, 7.5319, 5.1114



7.9700, 7.2167, 3.9906



2.8396, 2.8505, 3.0279



7.1006, 3.6532, 0.6622



36.8711, 18.9884, 2.5986

Previews

White Background



This preview shows how the XYZ color 7.9381, 10.6187, 12.4577 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 XYZ color 7.9381, 10.6187, 12.4577 looks on a black 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

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

XYZ 7.9381, 10.6187, 12.4577

Background



This preview shows how black text looks on a background with the XYZ color 7.9381, 10.6187, 12.4577.



This preview shows how white text looks on a background with the XYZ color 7.9381, 10.6187,

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

7.9381, 10.6187, 12.4577

Protanopia

10.1007, 10.5475, 11.1764

Deuteranopia

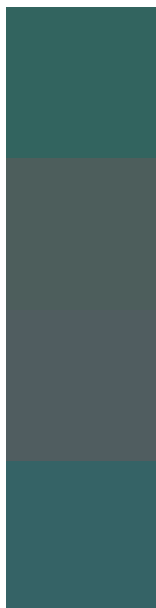
10.6598, 10.5492, 12.7836



Tritanopia

8.4905, 10.5602, 15.2265

Trichromacy



Original Color

7.9381, 10.6187, 12.4577

Protanomaly

8.9950, 10.3559, 11.6500

Deuteranomaly

9.3339, 10.3787, 12.5777

Tritanomaly

8.3283, 10.6399, 14.1851

Monochromacy



Original Color

7.9381, 10.6187, 12.4577

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

8.0901, 9.3946, 10.6195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.9381, 10.6187, 12.4577 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(50, 100, 95)` looks like.

```
.text, #text, p{  
    color:rgb(50, 100, 95)  
}
```

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(50, 100, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 100, 95) }
```

Border

The CSS property to change the border of an element to XYZ 7.9381, 10.6187, 12.4577 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(50, 100, 95) }
```


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

```
.border{ border-color:rgb(50, 100, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 100, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 100, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 100, 95);  
box-shadow:4px 4px 4px 4px rgb(50, 100,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 7.9381, 10.6187, 12.4577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 100, 95) }
```

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

```
.background{ background-color: rgb(50, 100,  
95) }
```

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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