

Converting Colors

XYZ(10.5416, 11.7990, 13.4721)

Have a look what the booklet for
XYZ(10.5416, 11.7990, 13.4721)
contains.

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Color

**XYZ(10.5517, 11.8030,
13.5264)**

Conversions

Conversions Part 1

Format	Color
Hex	566363
RGB	86, 99, 99
RGB Percent	34%, 39%, 39%
CMY	0.6627, 0.6118, 0.6118
CMYK	0.13, 0.00, 0.00, 0.61
HSL	180°, 7%, 36%
HSV	180°, 13%, 39%
XYZ	10.5517, 11.8030, 13.5264
YIQ	95.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

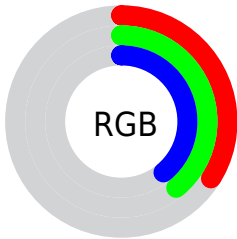
Format	Color
R_{YB}	86, 93, 99
Decimal	5661539
CIE Lab	40.90, -4.96, -1.69
CIE LCh	41, 5.238, 198.804
Yxy	11.8030, 0.2941, 0.3289
Android (android.graphics.Color)	4283851619 (0xFF566363)
YUV	95.1130, 1.9163, -7.9921
Hunter-Lab	34.3555, -5.2989, 0.7053

Details

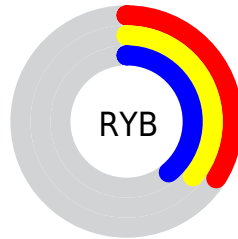
The XYZ color **10.5517, 11.8030, 13.5264** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.1535, 9.9804, 10.1959**, and the grayscale version is **10.9015, 11.4692, 12.4899**.

A 20% lighter version of the original color is **26.5647, 29.2489, 33.0997**, and **2.8302, 3.2747, 3.8511** is the 20% darker color. If you saturate the color by 10%, you get **9.7026, 11.3656, 13.4865**, and if you desaturate by 10%, it is **11.5278, 12.3065, 13.5727**.

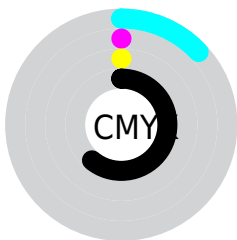
Distribution



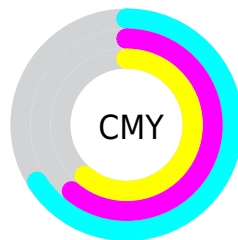
- Red (34%)
- Green (39%)
- Blue (39%)



- Red (34%)
- Yellow (36%)
- Blue (39%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (61%)



- Cyan (66%)
- Magenta (61%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5517, 11.8030, 13.5264 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 10.5517, 11.8030, 13.5264 by changing the saturation by 10% instead.

■ 10.5517, 11.8030,
13.5264

■ 10.5517, 11.8030,
13.5264

188.5381,
203.0967, 225.5893

■ 5.8313, 6.6097,
7.6570

■ 26.4685, 29.1358,
32.9512

■ 2.7825, 3.2192,
3.7917

■ 38.3957, 42.0441,
47.3438

■ 1.0398, 1.2472,
1.5118

■ 53.4557, 58.2928,
65.4145

■ 0.0000, 0.0998,
0.2267

■ 72.0142, 78.2663,
87.5819

■ 0.0000, 0.0000,
0.0000

■ 94.4362, 102.3491,
114.2646

121.0874,

130.9255, 145.8810

152.3328,
164.3799, 182.8497

■ 10.5517, 11.8030,
13.5264

■ 10.5517, 11.8030,
13.5264

■ 9.7026, 11.3656,
13.4865

■ 11.5278, 12.3065,
13.5727

■ 8.9744, 10.9902,
13.4520

■ 12.6346, 12.8771,
13.6249

■ 8.3617, 10.6744,
13.4230

■ 13.8773, 13.5177,
13.6835

■ 7.8587, 10.4151,
13.3990

■ 15.2601, 14.2305,
13.7486

■ 7.4590, 10.2090,
13.3799

■ 16.7872, 15.0178,
13.8204

■ 7.1553, 10.0524,
13.3653

■ 18.4627, 15.8815,
13.8992

■ 6.9395, 9.9412,
13.3548

■ 20.2904, 16.8238,
13.9852

■ 6.7987, 9.8687,
13.3479

■ 22.2741, 17.8463,
14.0784

■ 6.7136, 9.8248,
13.3436

■ 24.4172, 18.9512,
14.1791

Harmonies

Analogous

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



10.5280, 11.8030, 12.4559



10.5517, 11.8030, 13.5264



10.7516, 11.8030, 14.4633

Triad

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



10.5517, 11.8030, 13.5264



11.7679, 11.8030, 14.2554



11.3585, 11.8030, 10.9362

Complementary

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



10.5517, 11.8030, 13.5264



10.1535, 9.9804, 10.1959

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.



11.6985, 11.8030, 11.3640



10.5517, 11.8030, 13.5264



11.9383, 11.8030, 13.2553

Square

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



10.5517, 11.8030, 13.5264



11.4517, 11.8030, 14.9001



11.9126, 11.8030, 12.1994



10.9883, 11.8030, 10.9998

Rectangle

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



10.5517, 11.8030, 13.5264



10.9605, 11.8030, 14.8677



11.9126, 11.8030, 12.1994



11.4803, 11.8030, 11.0263

Sweetspot

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



10.5520, 11.8035, 13.5267



19.6003, 21.0204, 23.2740



9.9996, 11.5848, 10.5133



4.6353, 4.9842, 5.5309



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



10.5520, 11.8035, 13.5267



17.5928, 19.9855, 23.1792



9.9797, 10.6587, 13.3364



2.6401, 2.8948, 3.2648



8.7510, 12.8064, 17.3931



46.7498, 68.4149, 92.9164

Inverse Universe

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



10.1535, 9.9804, 10.1959



16.7545, 16.1505, 16.1727



10.6775, 11.0284, 10.3701



2.5735, 2.5903, 2.7085



6.7077, 3.4579, 0.3144



35.8336, 18.4729, 1.6781

Previews

White Background



This preview shows how the XYZ color 10.5517, 11.8030, 13.5264 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 10.5517, 11.8030, 13.5264 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

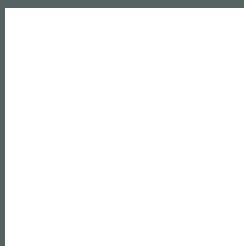
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.5517, 11.8030, 13.5264

Background



This preview shows how black text looks on a background with the XYZ color 10.5517, 11.8030, 13.5264.



This preview shows how white text looks on a background with the XYZ color 10.5517, 11.8030,

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

10.5517, 11.8030, 13.5264

Protanopia

11.3775, 11.8255, 12.9921

Deuteranopia

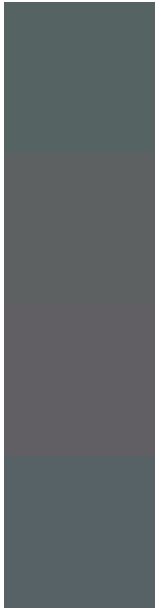
11.9235, 11.6919, 13.6849



Tritanopia

10.8997, 11.8022, 15.3392

Trichromacy



Original Color

10.5517, 11.8030, 13.5264

Protanomaly

11.0954, 11.8109, 13.2502

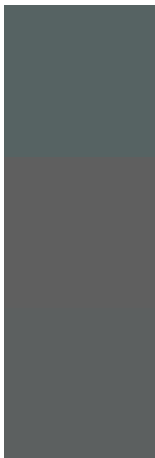
Deuteranomaly

11.3222, 11.6459, 13.7077

Tritanomaly

10.7463, 11.7409, 14.5318

Monochromacy



Original Color

10.5517, 11.8030, 13.5264

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.7078, 11.4856, 12.7189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5517, 11.8030, 13.5264 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(86, 99, 99) looks like.

```
.text, #text, p{  
    color:rgb(86, 99, 99)  
}
```

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(86, 99, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 99, 99) }
```

Border

The CSS property to change the border of an element to XYZ 10.5517, 11.8030, 13.5264 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(86, 99, 99) }
```


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

```
.border{ border-color:rgb(86, 99, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 99, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 99, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 99, 99);  
box-shadow:4px 4px 4px 4px rgb(86, 99, 99)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.5517, 11.8030, 13.5264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 99, 99) }
```

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

```
.background{ background-color: rgb(86, 99,  
99) }
```

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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