

Converting Colors

XYZ(10.4960, 11.4961, 18.3723)

Have a look what the booklet for
XYZ(10.4960, 11.4961, 18.3723)
contains.

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Color

**XYZ(10.5591, 11.5562,
18.5037)**

Conversions

Conversions Part 1

Format	Color
Hex	4C6275
RGB	76, 98, 117
RGB Percent	30%, 38%, 46%
CMY	0.7020, 0.6157, 0.5412
CMYK	0.35, 0.16, 0.00, 0.54
HSL	208°, 21%, 38%
HSV	208°, 35%, 46%
XYZ	10.5591, 11.5562, 18.5037
YIQ	93.5880, -19.2110, 1.2450

Conversions

Conversions Part 2

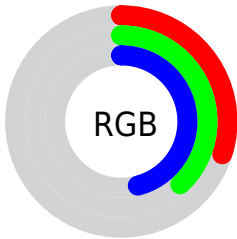
Format	Color
R_{YB}	76, 90, 117
Decimal	5005941
CIE Lab	40.50, -3.18, -13.36
CIE LCh	41, 13.737, 256.613
Yxy	11.5562, 0.2600, 0.2845
Android (android.graphics.Color)	4283196021 (0xFF4C6275)
YUV	93.5880, 11.5421, -15.4247
Hunter-Lab	33.9944, -4.0458, -8.4764

Details

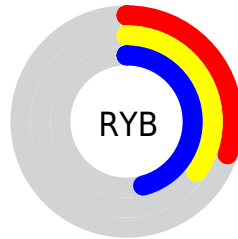
The XYZ color **10.5591, 11.5562, 18.5037** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.7332, 12.4885, 8.5774**, and the grayscale version is **10.5195, 11.0673, 12.0523**.

A 20% lighter version of the original color is **26.5131, 28.7951, 41.6967**, and **2.8089, 3.1469, 6.0896** is the 20% darker color. If you saturate the color by 10%, you get **9.2226, 10.1396, 18.3009**, and if you desaturate by 10%, it is **12.0998, 13.1296, 18.7264**.

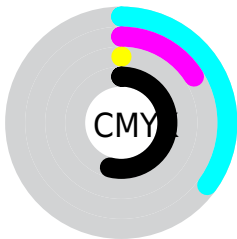
Distribution



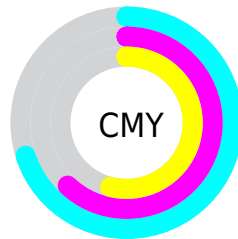
- Red (30%)
- Green (38%)
- Blue (46%)



- Red (30%)
- Yellow (35%)
- Blue (46%)



- Cyan (35%)
- Magenta (16%)
- Yellow (0%)
- Black (54%)



- Cyan (70%)
- Magenta (62%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5591, 11.5562, 18.5037 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 10.5591, 11.5562, 18.5037 by changing the saturation by 10% instead.

■ 10.5591, 11.5562,
18.5037

■ 10.5591, 11.5562,
18.5037

188.5886,
201.4447, 256.0258

■ 5.8363, 6.4423,
11.1391

■ 26.4822, 28.6842,
41.7192

■ 2.7855, 3.1158,
6.0451

■ 38.4132, 41.4670,
58.4072

■ 1.0414, 1.1925,
2.8033

■ 53.4776, 57.5749,
79.0400

■ 0.0000, 0.0556,
0.9951

■ 72.0408, 77.3923,
104.0362

■ 0.0000, 0.0000,
0.0000

■ 94.4681, 101.3036,
133.8144

121.1250,

129.6932, 168.7930

152.3767,
162.9454, 209.3906

■ 10.5591, 11.5562,
18.5037

■ 10.5591, 11.5562,
18.5037

■ 9.2226, 10.1396,
18.3009

■ 12.0998, 13.1296,
18.7264

■ 8.0793, 8.8725,
18.1166

■ 13.8528, 14.8641,
18.9688

■ 7.1189, 7.7486,
17.9503

■ 15.8270, 16.7656,
19.2318

■ 6.3295, 6.7608,
17.8012

■ 18.0303, 18.8392,
19.5159

■ 5.6975, 5.9010,
17.6686

■ 20.4706, 21.0896,
19.8216

■ 5.2009, 5.1566,
17.5511

■ 23.1549, 23.5216,
20.1496

■ 4.9763, 4.8152,
17.4970

■ 26.0903, 26.1394,
20.5002

■ 29.2835, 28.9475,
20.8739

■ 32.7407, 31.9499,
21.2712

Harmonies

Analogous

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



9.7560, 11.5562, 16.8609



10.5591, 11.5562, 18.5037



11.5238, 11.5562, 18.4036

Triad

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



10.5591, 11.5562, 18.5037



12.8628, 11.5562, 11.1215



9.6878, 11.5562, 9.2691

Complementary

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



10.5591, 11.5562, 18.5037



12.7332, 12.4885, 8.5774

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.



10.4610, 11.5562, 8.1403



10.5591, 11.5562, 18.5037



12.3106, 11.5562, 9.0974

Square

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



10.5591, 11.5562, 18.5037



12.8929, 11.5562, 13.8558



11.4198, 11.5562, 8.0824



9.2732, 11.5562, 11.3901

Rectangle

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



10.5591, 11.5562, 18.5037



12.1300, 11.5562, 17.3571



11.4198, 11.5562, 8.0824



9.9122, 11.5562, 8.7756

Sweetspot

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



10.5595, 11.5567, 18.5040



26.0869, 27.8606, 34.1397



11.3828, 15.0756, 13.0062



5.9167, 6.3271, 7.8384



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



10.5595, 11.5567, 18.5040



16.9551, 18.6317, 32.8396



8.9197, 8.2772, 17.9574



3.6482, 3.8850, 4.6478



5.4672, 5.2740, 19.2724



25.7776, 23.9718, 93.6287

Inverse Universe

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



12.1255, 9.8331, 12.8146



20.2767, 15.3095, 20.6979



14.7659, 16.5541, 9.2550



3.7584, 3.7307, 4.2547



9.0567, 4.5564, 5.5068



43.6981, 22.0294, 24.5372

Previews

White Background



This preview shows how the XYZ color 10.5591, 11.5562, 18.5037 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 10.5591, 11.5562, 18.5037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

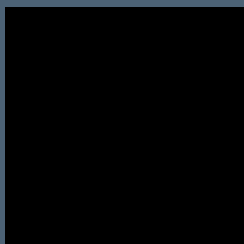
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

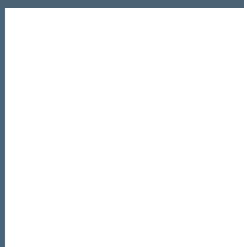
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.5591, 11.5562, 18.5037

Background



This preview shows how black text looks on a background with the XYZ color 10.5591, 11.5562, 18.5037.

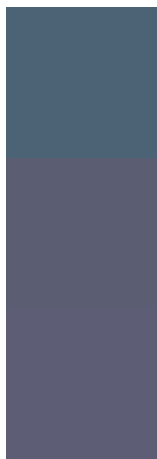


This preview shows how white text looks on a background with the XYZ color 10.5591, 11.5562,

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

10.5591, 11.5562, 18.5037

Protanopia

11.3544, 11.4445, 17.5302

Deuteranopia

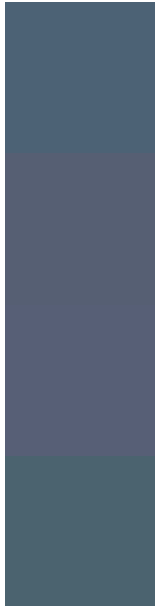
11.6986, 11.4639, 18.7357



Tritanopia

10.0880, 11.6529, 15.9049

Trichromacy



Original Color

10.5591, 11.5562, 18.5037

Protanomaly

11.0245, 11.4007, 17.8392

Deuteranomaly

11.2927, 11.5187, 18.7677

Tritanomaly

10.2327, 11.5672, 16.7323

Monochromacy



Original Color

10.5591, 11.5562, 18.5037

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.4210, 11.1700, 14.1771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5591, 11.5562, 18.5037 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(76, 98, 117)` looks like.

```
.text, #text, p{  
    color:rgb(76, 98, 117)  
}
```

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(76, 98, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 98, 117) }
```

Border

The CSS property to change the border of an element to XYZ 10.5591, 11.5562, 18.5037 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(76, 98, 117) }
```


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

```
.border{ border-color:rgb(76, 98, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 98, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 98, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 98, 117);  
box-shadow:4px 4px 4px 4px rgb(76, 98,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5591, 11.5562, 18.5037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 98, 117) }
```

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

```
.background{ background-color: rgb(76, 98,  
117) }
```

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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