

Converting Colors

XYZ(9.6599, 10.5369, 17.5164)

Have a look what the booklet for
XYZ(9.6599, 10.5369, 17.5164)
contains.

XYZ(9.6385, 10.5599, 17.4499)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(9.6385, 10.5599,
17.4499)**

Conversions

Conversions Part 1

Format	Color
Hex	475E72
RGB	71, 94, 114
RGB Percent	28%, 37%, 45%
CMY	0.7216, 0.6314, 0.5529
CMYK	0.38, 0.18, 0.00, 0.55
HSL	208°, 23%, 36%
HSV	208°, 38%, 45%
XYZ	9.6385, 10.5599, 17.4499
YIQ	89.4030, -20.1280, 1.3440

Conversions

Conversions Part 2

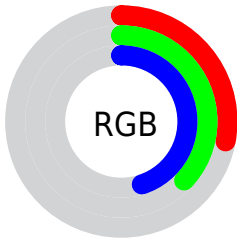
Format	Color
R_{YB}	71, 86, 114
Decimal	4677234
CIE _{Lab}	38.83, -3.17, -14.10
CIE _{LCh}	39, 14.455, 257.336
Yxy	10.5599, 0.2560, 0.2805
Android (android.graphics.Color)	4282867314 (0xFF475E72)
YUV	89.4030, 12.1263, -16.1394
Hunter-Lab	32.4960, -3.9239, -9.0907

Details

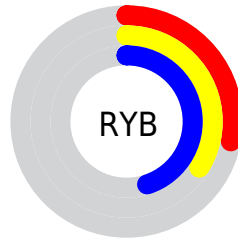
The XYZ color **9.6385, 10.5599, 17.4499** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.8181, 11.5147, 7.5612**, and the grayscale version is **9.5622, 10.0602, 10.9556**.

A 20% lighter version of the original color is **24.7414, 26.7646, 39.9385**, and **2.4170, 2.7014, 5.5483** is the 20% darker color. If you saturate the color by 10%, you get **8.4242, 9.2581, 17.2628**, and if you desaturate by 10%, it is **11.0427, 12.0082, 17.6556**.

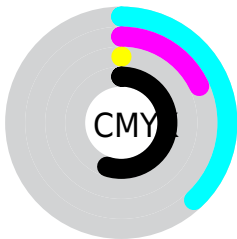
Distribution



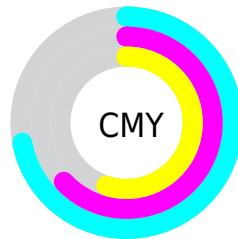
- Red (28%)
- Green (37%)
- Blue (45%)



- Red (28%)
- Yellow (34%)
- Blue (45%)



- Cyan (38%)
- Magenta (18%)
- Yellow (0%)
- Black (55%)



- Cyan (72%)
- Magenta (63%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.6385, 10.5599, 17.4499 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 9.6385, 10.5599, 17.4499 by changing the saturation by 10% instead.

■ 9.6385, 10.5599,
17.4499

■ 9.6385, 10.5599,
17.4499

182.1802,
194.6228, 249.8830

■ 5.2204, 5.7717,
10.3904

■ 24.7692, 26.8434,
39.8989

■ 2.4132, 2.7068,
5.5496

■ 36.2125, 39.1076,
56.1255

■ 0.8517, 0.9806,
2.5089

■ 50.7281, 54.6325,
76.2449

■ 0.0000, 0.0000,
0.8449

■ 68.6816, 73.8026,
100.6757

■ 0.0000, 0.0000,
0.0000

■ 90.4382, 97.0023,
129.8364

116.3632,

124.6160, 164.1454

146.8221,
157.0280, 204.0214

■ 9.6385, 10.5599,
17.4499

■ 9.6385, 10.5599,
17.4499

■ 8.4242, 9.2581,
17.2628

■ 11.0427, 12.0082,
17.6556

■ 7.3895, 8.0957,
17.0930

■ 12.6447, 13.6073,
17.8798

■ 6.5243, 7.0669,
16.9400

■ 14.4528, 15.3625,
18.1233

■ 5.8171, 6.1647,
16.8031

■ 16.4749, 17.2789,
18.3867

■ 5.2549, 5.3812,
16.6815

■ 18.7181, 19.3609,
18.6703

■ 4.8028, 4.6975,
16.5734

■ 21.1893, 21.6131,
18.9748

■ 4.7049, 4.5501,
16.5501

■ 23.8952, 24.0395,
19.3005

■ 26.8421, 26.6443,
19.6479

■ 30.0361, 29.4313,
20.0176

Harmonies

Analogous

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



8.8398, 10.5599, 15.8288



9.6385, 10.5599, 17.4499



10.5957, 10.5599, 17.3034

Triad

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



9.6385, 10.5599, 17.4499



11.8995, 10.5599, 9.9968



8.7426, 10.5599, 8.2811

Complementary

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



9.6385, 10.5599, 17.4499



11.8181, 11.5147, 7.5612

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.



9.4980, 10.5599, 7.1623



9.6385, 10.5599, 17.4499



11.3374, 10.5599, 8.0392

Square

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



9.6385, 10.5599, 17.4499



11.9431, 10.5599, 12.6935



10.4461, 10.5599, 7.0814



8.3451, 10.5599, 10.3799

Rectangle

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



9.6385, 10.5599, 17.4499



11.1958, 10.5599, 16.2221



10.4461, 10.5599, 7.0814



8.9608, 10.5599, 7.7935

Sweetspot

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



9.6388, 10.5603, 17.4501



24.2223, 25.8645, 31.6912



10.4765, 14.1187, 11.9245



5.5283, 5.9104, 7.3192



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



9.6388, 10.5603, 17.4501



15.1152, 16.6093, 30.3848



8.0285, 7.3396, 16.9134



3.3515, 3.5683, 4.2663



5.2205, 5.0313, 18.4176



25.1355, 23.3228, 91.4561

Inverse Universe

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



11.2133, 8.8924, 11.7155



18.3704, 13.5059, 18.4513



13.8546, 15.5879, 8.2401



3.4521, 3.4285, 3.9075



8.6534, 4.3537, 5.2508



42.6672, 21.5122, 23.8434

Previews

White Background



This preview shows how the XYZ color 9.6385, 10.5599, 17.4499 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 9.6385, 10.5599, 17.4499 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

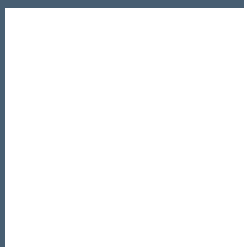
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 9.6385, 10.5599, 17.4499

Background



This preview shows how black text looks on a background with the XYZ color 9.6385, 10.5599, 17.4499.

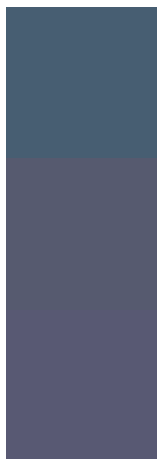


This preview shows how white text looks on a background with the XYZ color 9.6385, 10.5599,

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

9.6385, 10.5599, 17.4499

Protanopia

10.3632, 10.4385, 16.5076

Deuteranopia

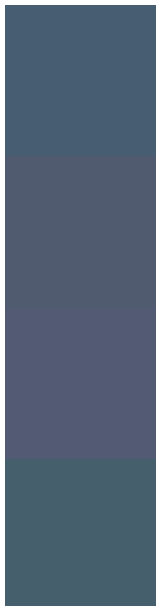
10.6914, 10.4573, 17.6746



Tritanopia

9.0655, 10.5942, 14.6638

Trichromacy



Original Color

9.6385, 10.5599, 17.4499

Protanomaly

10.0591, 10.4014, 16.8067

Deuteranomaly

10.3153, 10.5138, 17.7054

Tritanomaly

9.2532, 10.5323, 15.7326

Monochromacy



Original Color

9.6385, 10.5599, 17.4499

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

9.4254, 10.1579, 13.0192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.6385, 10.5599, 17.4499 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(71, 94, 114)` looks like.

```
.text, #text, p{  
    color:rgb(71, 94, 114)  
}
```

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(71, 94, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 94, 114) }
```

Border

The CSS property to change the border of an element to XYZ 9.6385, 10.5599, 17.4499 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(71, 94, 114) }
```


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

```
.border{ border-color:rgb(71, 94, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 94, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 94, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 94, 114);  
box-shadow:4px 4px 4px 4px rgb(71, 94,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 9.6385, 10.5599, 17.4499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 94, 114) }
```

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

```
.background{ background-color: rgb(71, 94,  
114) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor