

Converting Colors

XYZ(10.5244, 14.4052, 12.6479)

Have a look what the booklet for
XYZ(10.5244, 14.4052, 12.6479)
contains.

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Color

**XYZ(10.5359, 14.4744,
12.5945)**

Conversions

Conversions Part 1

Format	Color
Hex	43745D
RGB	67, 116, 93
RGB Percent	26%, 45%, 36%
CMY	0.7373, 0.5451, 0.6353
CMYK	0.42, 0.00, 0.20, 0.55
HSL	152°, 27%, 36%
HSV	152°, 42%, 45%
XYZ	10.5359, 14.4744, 12.5945
YIQ	98.7270, -21.8210, -17.5410

Conversions

Conversions Part 2

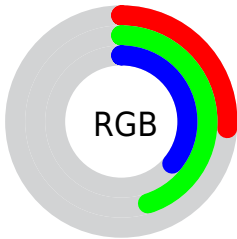
Format	Color
RYB	67, 99, 116
Decimal	4420701
CIELab	44.91, -22.34, 7.56
CIELCh	45, 23.584, 161.297
Yxy	14.4744, 0.2802, 0.3849
Android (android.graphics.Color)	4282610781 (0xFF43745D)
YUV	98.7270, -2.8234, -27.8246
Hunter-Lab	38.0452, -17.1470, 7.0043

Details

The XYZ color **10.5359, 14.4744, 12.5945** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.0555, 8.4658, 10.7247**, and the grayscale version is **11.8022, 12.4168, 13.5219**.

A 20% lighter version of the original color is **26.2967, 33.7703, 31.1189**, and **2.7514, 4.3387, 3.3818** is the 20% darker color. If you saturate the color by 10%, you get **9.5864, 14.0122, 11.3358**, and if you desaturate by 10%, it is **11.6628, 15.0268, 13.9518**.

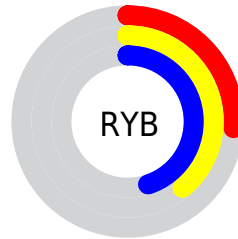
Distribution



Red (26%)

Green (45%)

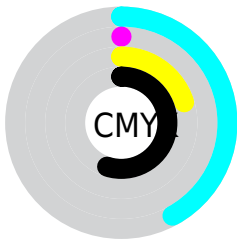
Blue (36%)



Red (26%)

Yellow (39%)

Blue (45%)

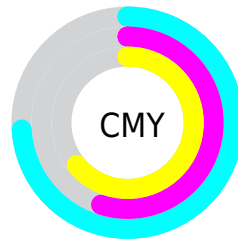


Cyan (42%)

Magenta (0%)

Yellow (20%)

Black (55%)



Cyan (74%)


Magenta (55%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.5359, 14.4744, 12.5945 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 10.5359, 14.4744, 12.5945 by changing the saturation by 10% instead.


 10.5359, 14.4744,
12.5945


 10.5359, 14.4744,
12.5945


188.4301,
220.1625, 219.4180

 5.8207, 8.4514,
7.0225


 26.4393, 33.9284,
31.2538

 2.7760, 4.3851,
3.3975

 38.3583, 48.1282,
45.1781


 1.0364, 1.8912,
1.3010

 53.4091, 65.8224,
62.7236

 0.0000, 0.5431,
0.0626

 71.9573, 87.3953,
84.3089

 0.0000, 0.0000,
0.0000

 94.3681, 113.2314,
110.3524

121.0069,

143.7150, 141.2728

152.2391,
179.2305, 177.4885

■ 10.5359, 14.4744,
12.5945

■ 10.5359, 14.4744,
12.5945

■ 9.5864, 14.0122,
11.3358

■ 11.6628, 15.0268,
13.9518

■ 8.8030, 13.6333,
10.1723

■ 12.9749, 15.6724,
15.4090

■ 8.1753, 13.3327,
9.1021


■ 14.4812, 16.4159,
16.9685


■ 7.6909, 13.1042,
8.1224


■ 16.1895, 17.2615,
18.6324


■ 7.3351, 12.9401,
7.2307


■ 18.1073, 18.2130,
20.4026

 7.1029, 12.8342,
6.5960

 20.2418, 19.2740,
22.2812

 22.5997, 20.4480,
24.2701

 25.1875, 21.7382,
26.3709

 28.0112, 23.1478,
28.5857

Harmonies

Analogous

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



11.4527, 14.4744, 9.0528



10.5359, 14.4744, 12.5945



10.4325, 14.4744, 17.9332

Triad

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



10.5359, 14.4744, 12.5945



14.4967, 14.4744, 28.6348



16.7353, 14.4744, 9.7396

Complementary

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



10.5359, 14.4744, 12.5945



11.0555, 8.4658, 10.7247

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.



17.7231, 14.4744, 13.7702



10.5359, 14.4744, 12.5945



16.3524, 14.4744, 25.1598

Square

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



10.5359, 14.4744, 12.5945



12.6025, 14.4744, 28.1094



17.5767, 14.4744, 19.4163



14.9810, 14.4744, 7.6901

Rectangle

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



10.5359, 14.4744, 12.5945



10.8263, 14.4744, 21.9449



17.5767, 14.4744, 19.4163



17.1751, 14.4744, 10.8625

Sweetspot

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



10.5363, 14.4750, 12.5948



25.1494, 28.7043, 29.5195



11.5422, 15.1048, 7.6175



5.8798, 6.7886, 6.9204



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.



10.5363, 14.4750, 12.5948



16.8429, 24.6262, 19.9148



11.6192, 14.7582, 18.7599



3.7142, 4.1277, 4.3291



7.9613, 14.3985, 7.3524



38.3604, 69.9914, 33.5327

Inverse Universe

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



11.0555, 8.4658, 10.7247



17.8910, 12.5072, 16.1481



10.2720, 8.2306, 6.3576



3.7488, 3.7268, 4.2042



8.8327, 4.4668, 4.3272



42.6172, 21.5970, 18.8454

Previews

White Background



This preview shows how the XYZ color 10.5359, 14.4744, 12.5945 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 10.5359, 14.4744, 12.5945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

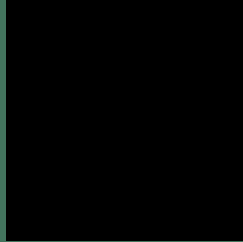
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.5359, 14.4744, 12.5945

Background



This preview shows how black text looks on a background with the XYZ color 10.5359, 14.4744, 12.5945.

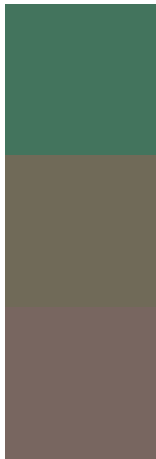


This preview shows how white text looks on a background with the XYZ color 10.5359, 14.4744,

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

10.5359, 14.4744, 12.5945

Protanopia

13.5976, 14.4574, 11.3064

Deuteranopia

14.6084, 14.3403, 13.0643



Tritanopia

12.0694, 14.4247, 20.2373

Trichromacy



Original Color

10.5359, 14.4744, 12.5945

Protanomaly

12.2453, 14.3768, 11.8025

Deuteranomaly

12.6901, 14.1083, 12.8808

Tritanomaly

11.3729, 14.2975, 17.1992

Monochromacy



Original Color

10.5359, 14.4744, 12.5945

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.1397, 12.9925, 13.2299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5359, 14.4744, 12.5945 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(67, 116, 93)` looks like.

```
.text, #text, p{  
    color:rgb(67, 116, 93)  
}
```

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(67, 116, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 116, 93) }
```

Border

The CSS property to change the border of an element to XYZ 10.5359, 14.4744, 12.5945 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(67, 116, 93) }
```


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

```
.border{ border-color:rgb(67, 116, 93) }
```

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

Here you see how a box with a 4 pixel rgb(67, 116, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 116, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 116, 93);  
box-shadow:4px 4px 4px 4px rgb(67, 116,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5359, 14.4744, 12.5945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 116, 93) }
```

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

```
.background{ background-color: rgb(67, 116,  
93) }
```

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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