

Converting Colors

XYZ(9.5762, 14.2169, 9.6366)

Have a look what the booklet for
XYZ(9.5762, 14.2169, 9.6366)
contains.

XYZ(9.5762, 14.2169, 9.6366)	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(9.5762, 14.2169,
9.6366)**

Conversions

Conversions Part 1

Format	Color
Hex	3B754F
RGB	59, 117, 79
RGB Percent	23%, 46%, 31%
CMY	0.7686, 0.5412, 0.6902
CMYK	0.50, 0.00, 0.32, 0.54
HSL	141°, 33%, 35%
HSV	141°, 50%, 46%
XYZ	9.5762, 14.2169, 9.6366
YIQ	95.3260, -22.3700, -24.1140

Conversions

Conversions Part 2

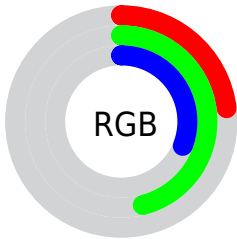
Format	Color
RYB	59, 102, 117
Decimal	3896655
CIELab	44.54, -28.30, 15.25
CIELCh	45, 32.148, 151.673
Yxy	14.2169, 0.2865, 0.4253
Android (android.graphics.Color)	4282086735 (0xFF3B754F)
YUV	95.3260, -8.0487, -31.8579
Hunter-Lab	37.7053, -20.6498, 11.2406

Details

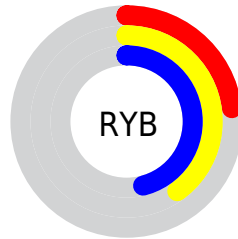
The XYZ color **9.5762, 14.2169, 9.6366** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **11.0582, 7.7732, 12.2272**, and the grayscale version is **10.9783, 11.5501, 12.5780**.

A 20% lighter version of the original color is **24.7014, 33.6230, 25.6101**, and **2.3809, 4.2626, 2.2107** is the 20% darker color. If you saturate the color by 10%, you get **8.6959, 13.7939, 8.2221**, and if you desaturate by 10%, it is **10.6449, 14.7341, 11.2286**.

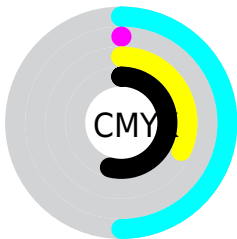
Distribution



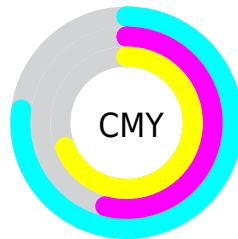
- Red (23%)
- Green (46%)
- Blue (31%)



- Red (23%)
- Yellow (40%)
- Blue (46%)



- Cyan (50%)
- Magenta (0%)
- Yellow (32%)
- Black (54%)





- Cyan (77%)
- Magenta (54%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 9.5762, 14.2169, 9.6366 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 9.5762, 14.2169, 9.6366 by changing the saturation by 10% instead.


 9.5762, 14.2169,
9.6366


 9.5762, 14.2169,
9.6366


181.7376,
218.5760, 198.4480


 5.1790, 8.2717,
5.0562


 24.6522, 33.4734,
25.7067


 2.3885, 4.2693,
2.2210

 36.0618, 47.5534,
38.0336


 0.8394, 1.8253,
0.6864

 50.5395, 65.1139,
53.7797

 0.0000, 0.5029,
0.0000

 68.4507, 86.5392,
73.3636

 0.0000, 0.0000,
0.0000

 90.1607, 112.2136,
97.2039

 116.0350,

142.5216, 125.7190

146.4388,
177.8476, 159.3275

■ 9.5762, 14.2169,
9.6366

■ 9.5762, 14.2169,
9.6366

■ 8.6959, 13.7939,
8.2221

■ 10.6449, 14.7341,
11.2286

■ 7.9913, 13.4575,
6.9778

■ 11.9116, 15.3491,
13.0030

■ 7.4498, 13.2017,
5.8975

■ 13.3863, 16.0674,
14.9657

■ 7.0565, 13.0189,
4.9741

■ 15.0781, 16.8936,
17.1222

■ 6.7624, 12.8842,
4.1985

■ 16.9956, 17.8320,
19.4776

■ 6.7505, 12.8787,
4.1685

■ 19.1469, 18.8866,
22.0368

■ 21.5397, 20.0614,
24.8046

■ 24.1813, 21.3599,
27.7858

■ 27.0787, 22.7858,
30.9846

Harmonies

Analogous

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



11.0565, 14.2169, 6.2192



9.5762, 14.2169, 9.6366



9.1103, 14.2169, 15.9010

Triad

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



9.5762, 14.2169, 9.6366



13.6590, 14.2169, 34.6291



18.2242, 14.2169, 9.1190

Complementary

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



9.5762, 14.2169, 9.6366



11.0582, 7.7732, 12.2272

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.



19.1446, 14.2169, 15.0660



9.5762, 14.2169, 9.6366



16.3082, 14.2169, 31.1215

Square

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



9.5762, 14.2169, 9.6366



11.2788, 14.2169, 31.7912



18.4027, 14.2169, 23.3066



16.0237, 14.2169, 5.9946

Rectangle

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



9.5762, 14.2169, 9.6366



9.3828, 14.2169, 21.3853



18.4027, 14.2169, 23.3066



18.7053, 14.2169, 10.7758

Sweetspot

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



9.5766, 14.2175, 9.6369



25.1897, 29.3662, 28.3716



12.1523, 15.6172, 6.5117



5.6793, 6.6970, 6.3790



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.



9.5766, 14.2175, 9.6369



15.4379, 24.6360, 14.4978



10.8368, 14.7216, 16.2730



3.6879, 4.1171, 4.1906



7.4304, 14.1862, 4.5566



35.8412, 68.9838, 20.2669

Inverse Universe

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



11.0582, 7.7732, 12.2272



18.4044, 11.6995, 19.6591



9.9643, 7.3356, 6.4670



3.7755, 3.7375, 4.3448



9.5379, 4.7489, 8.0407



46.0647, 22.9760, 36.9997

Previews

White Background



This preview shows how the XYZ color 9.5762, 14.2169, 9.6366 looks on a white background.

Color Contrast Check

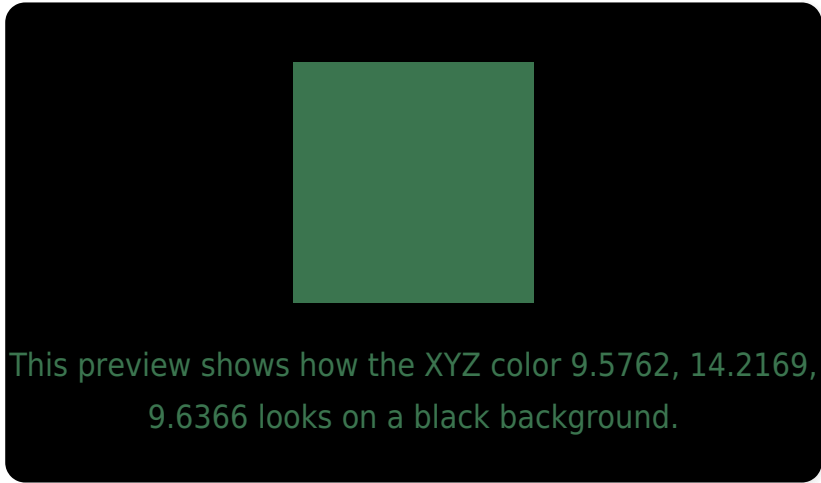
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

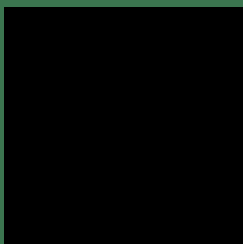
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 9.5762, 14.2169, 9.6366

Background



This preview shows how black text looks on a background with the XYZ color 9.5762, 14.2169, 9.6366.



This preview shows how white text looks on a background with the XYZ color 9.5762, 14.2169,

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

9.5762, 14.2169, 9.6366

Protanopia

13.0977, 14.1083, 8.5114

Deuteranopia

14.2411, 14.0695, 10.1487



Tritanopia

11.6996, 14.2340, 20.2200

Trichromacy



Original Color

9.5762, 14.2169, 9.6366

Protanomaly

11.2873, 13.7862, 8.9036

Deuteranomaly

11.9263, 13.7772, 10.0133

Tritanomaly

10.7988, 14.1991, 15.8072

Monochromacy



Original Color

9.5762, 14.2169, 9.6366

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.1331, 12.2156, 11.2750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.5762, 14.2169, 9.6366 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(59, 117, 79)` looks like.

```
.text, #text, p{  
    color:rgb(59, 117, 79)  
}
```

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(59, 117, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 117, 79) }
```

Border

The CSS property to change the border of an element to XYZ 9.5762, 14.2169, 9.6366 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(59, 117, 79) }
```


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

```
.border{ border-color:rgb(59, 117, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 117, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 117, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 117, 79);  
box-shadow:4px 4px 4px 4px rgb(59, 117,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 9.5762, 14.2169, 9.6366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 117, 79) }
```

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

```
.background{ background-color: rgb(59, 117,  
79) }
```

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