

Converting Colors

XYZ(14.3863, 15.8216, 12.6809)

Have a look what the booklet for
XYZ(14.3863, 15.8216, 12.6809)
contains.

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Color

**XYZ(14.3255, 15.7582,
12.6425)**

Conversions

Conversions Part 1

Format	Color
Hex	6F705D
RGB	111, 112, 93
RGB Percent	44%, 44%, 36%
CMY	0.5647, 0.5608, 0.6353
CMYK	0.01, 0.00, 0.17, 0.56
HSL	63°, 9%, 40%
HSV	63°, 17%, 44%
XYZ	14.3255, 15.7582, 12.6425
YIQ	109.5350, 5.5030, -6.1210

Conversions

Conversions Part 2

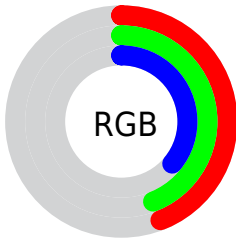
Format	Color
RYB	93, 112, 94
Decimal	7303261
CIELab	46.66, -3.98, 10.46
CIELCh	47, 11.187, 110.831
Yxy	15.7582, 0.3353, 0.3688
Android (android.graphics.Color)	4285493341 (0xFF6F705D)
YUV	109.5350, -8.1518, 1.2848
Hunter-Lab	39.6966, -5.0529, 8.9050

Details

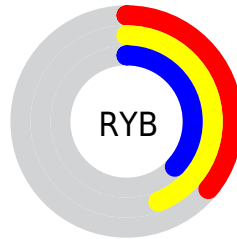
The XYZ color **14.3255, 15.7582, 12.6425** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.4557, 11.3787, 16.9227**, and the grayscale version is **14.7098, 15.4758, 16.8532**.

A 20% lighter version of the original color is **33.3376, 36.3206, 31.2401**, and **4.3964, 4.9288, 3.4090** is the 20% darker color. If you saturate the color by 10%, you get **13.7914, 15.5365, 10.2149**, and if you desaturate by 10%, it is **14.9337, 16.0106, 15.4536**.

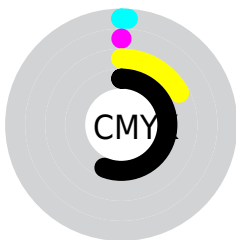
Distribution



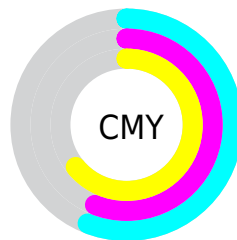
- Red (44%)
- Green (44%)
- Blue (36%)



- Red (36%)
- Yellow (44%)
- Blue (37%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)
- Black (56%)



- Cyan (56%)
- Magenta (56%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3255, 15.7582, 12.6425 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 14.3255, 15.7582, 12.6425 by changing the saturation by 10% instead.

■ 14.3255, 15.7582,
12.6425

■ 14.3255, 15.7582,
12.6425

212.7168,
227.9107, 219.7404

■ 8.4306, 9.3532,
7.0550

■ 33.2469, 36.1779,
31.3417

■ 4.4258, 4.9723,
3.4176

■ 47.0042, 50.9614,
45.2905

■ 1.9457, 2.2310,
1.3116

■ 64.1130, 69.3066,
62.8635

■ 0.6032, 0.7368,
0.0713

■ 84.9386, 91.5978,
84.4793

■ 0.0000, 0.0000,
0.0000

109.8464,
118.2194, 110.5563

139.2018,

149.5558, 141.5131

173.3702,
185.9914, 177.7683

■ 14.3255, 15.7582,
12.6425

■ 14.3255, 15.7582,
12.6425

■ 13.7914, 15.5365,
10.2149

■ 14.9337, 16.0106,
15.4536

■ 13.3268, 15.3422,
8.1531

■ 15.6175, 16.2928,
18.6627

■ 12.9290, 15.1746,
6.4398

■ 16.3803, 16.6067,
22.2850

■ 12.5941, 15.0322,
5.0557

■ 17.2247, 16.9533,
26.3342

■ 12.3182, 14.9135,
3.9796

■ 18.1532, 17.3335,
30.8237

■ 12.0968, 14.8167,
3.1879

■ 19.1683, 17.7484,
35.7663

■ 11.9248, 14.7397,
2.6536

■ 20.2721, 18.1989,
41.1741

■ 11.7893, 14.6773,
2.3092

■ 21.4671, 18.6859,
47.0589

■ 11.7493, 14.6588,
2.2102

■ 22.7552, 19.2103,
53.4321

Harmonies

Analogous

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



15.2763, 15.7582, 12.4152



14.3255, 15.7582, 12.6425



13.5805, 15.7582, 14.0066

Triad

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



14.3255, 15.7582, 12.6425



13.8326, 15.7582, 21.6314



16.8914, 15.7582, 18.0215

Complementary

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



14.3255, 15.7582, 12.6425



11.4557, 11.3787, 16.9227

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.



16.4676, 15.7582, 20.7499



14.3255, 15.7582, 12.6425



14.6831, 15.7582, 22.9768

Square

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



14.3255, 15.7582, 12.6425



13.3045, 15.7582, 19.1243



15.6494, 15.7582, 22.6379



16.7855, 15.7582, 15.3313

Rectangle

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



14.3255, 15.7582, 12.6425



13.2875, 15.7582, 15.4665



15.6494, 15.7582, 22.6379



16.8055, 15.7582, 18.9685

Sweetspot

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



14.3259, 15.7589, 12.6428



26.4435, 28.2120, 28.1278



12.6567, 12.2320, 12.0501



6.3378, 6.7715, 6.6871



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.



14.3259, 15.7589, 12.6428



24.8171, 27.5381, 20.6159



13.1992, 15.1780, 12.5901



3.6253, 3.9077, 3.6365



13.5762, 16.9425, 2.5547



67.3965, 84.2782, 12.7151

Inverse Universe

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



11.4557, 11.3787, 16.9227



18.8616, 18.4491, 29.4967



12.4848, 11.9091, 16.9708



3.2324, 3.3081, 4.2224



3.4602, 1.3932, 17.8082



17.0094, 6.8230, 88.6996

Previews

White Background



This preview shows how the XYZ color 14.3255, 15.7582, 12.6425 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 14.3255, 15.7582, 12.6425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

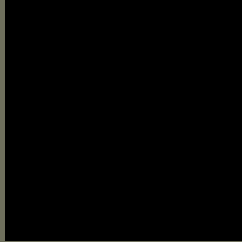
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3255, 15.7582, 12.6425

Background



This preview shows how black text looks on a background with the XYZ color 14.3255, 15.7582, 12.6425.



This preview shows how white text looks on a background with the XYZ color 14.3255, 15.7582,

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

14.3255, 15.7582, 12.6425

Protanopia

14.8438, 15.7065, 12.3745

Deuteranopia

15.9268, 15.6282, 12.7668



Tritanopia

15.6190, 15.7990, 19.0559

Trichromacy



Original Color

14.3255, 15.7582, 12.6425

Protanomaly

14.6864, 15.7864, 12.3982

Deuteranomaly

15.2681, 15.5982, 12.7957

Tritanomaly

15.0928, 15.7453, 16.4310

Monochromacy



Original Color

14.3255, 15.7582, 12.6425

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.6135, 15.6834, 15.3537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3255, 15.7582, 12.6425 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(111, 112, 93)` looks like.

```
.text, #text, p{  
    color:rgb(111, 112, 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(111, 112, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 112, 93) }
```

Border

The CSS property to change the border of an element to XYZ 14.3255, 15.7582, 12.6425 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(111, 112, 93) }
```


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

```
.border{ border-color:rgb(111, 112, 93) }
```

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

Here you see how a box with a 4 pixel rgb(111, 112, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 112, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 112, 93);  
box-shadow:4px 4px 4px 4px rgb(111, 112,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3255, 15.7582, 12.6425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 112, 93) }
```

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

```
.background{ background-color: rgb(111,  
112, 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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