

Converting Colors

XYZ(11.1907, 14.3386, 18.3221)

Have a look what the booklet for
XYZ(11.1907, 14.3386, 18.3221)
contains.

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Color

**XYZ(11.2262, 14.3624,
18.4002)**

Conversions

Conversions Part 1

Format	Color
Hex	407273
RGB	64, 114, 115
RGB Percent	25%, 45%, 45%
CMY	0.7490, 0.5529, 0.5490
CMYK	0.44, 0.01, 0.00, 0.55
HSL	181°, 28%, 35%
HSV	181°, 44%, 45%
XYZ	11.2262, 14.3624, 18.4002
YIQ	99.1640, -30.1210, -10.2890

Conversions

Conversions Part 2

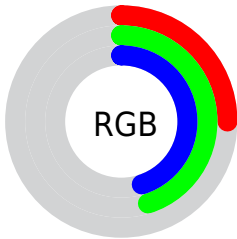
Format	Color
RYB	64, 89, 115
Decimal	4223603
CIELab	44.75, -16.52, -5.84
CIElCh	45, 17.525, 199.449
Yxy	14.3624, 0.2552, 0.3265
Android (android.graphics.Color)	4282413683 (0xFF407273)
YUV	99.1640, 7.8071, -30.8388
Hunter-Lab	37.8978, -13.4452, -2.2582

Details

The XYZ color **11.2262, 14.3624, 18.4002** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.8862, 7.7959, 5.8346**, and the grayscale version is **11.8878, 12.5069, 13.6200**.

A 20% lighter version of the original color is **27.6815, 33.7073, 41.6064**, and **3.0740, 4.3598, 5.9897** is the 20% darker color. If you saturate the color by 10%, you get **10.5289, 13.9656, 18.3606**, and if you desaturate by 10%, it is **12.0787, 14.8400, 18.4477**.

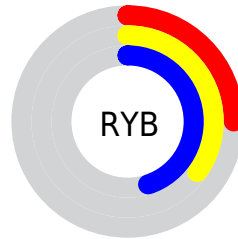
Distribution



Red (25%)

Green (45%)

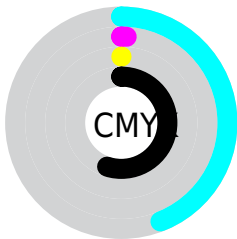
Blue (45%)



Red (25%)

Yellow (35%)

Blue (45%)

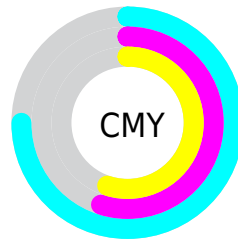


Cyan (44%)

Magenta (1%)

Yellow (0%)

Black (55%)



Cyan (75%)

Magenta (55%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2262, 14.3624, 18.4002 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 11.2262, 14.3624, 18.4002 by changing the saturation by 10% instead.

■ 11.2262, 14.3624,
18.4002

■ 11.2262, 14.3624,
18.4002

193.0893,
219.4738, 255.4286

■ 6.2876, 8.3731,
11.0653

■ 27.7070, 33.7307,
41.5412

■ 3.0631, 4.3346,
5.9960

■ 39.9798, 47.8785,
58.1844

■ 1.1872, 1.8625,
2.7739

■ 55.4282, 65.5146,
78.7673

■ 0.0962, 0.5257,
0.9804

■ 74.4173, 87.0235,
103.7087

■ 0.0000, 0.0000,
0.0000

■ 97.3127, 112.7894,
133.4270

124.4795,

143.1969, 168.3407

156.2833,
178.6302, 208.8684

■ 11.2262, 14.3624,
18.4002

■ 11.2262, 14.3624,
18.4002

■ 10.5289, 13.9656,
18.3606

■ 12.0787, 14.8400,
18.4477

■ 9.9759, 13.6430,
18.3275

■ 13.0938, 15.4012,
18.5025

■ 9.5572, 13.3896,
18.3006

■ 14.2801, 16.0507,
18.5654

■ 9.2604, 13.1992,
18.2795

■ 15.6450, 16.7924,
18.6366

■ 9.0672, 13.0623,
18.2633

■ 17.1958, 17.6300,
18.7165

■ 8.9716, 12.9920,
18.2548

■ 18.9391, 18.5669,
18.8055

■ 20.8812, 19.6064,
18.9038

■ 23.0284, 20.7517,
19.0117

■ 25.3863, 22.0058,
19.1295

Harmonies

Analogous

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



11.1299, 14.3624, 14.2444



11.2262, 14.3624, 18.4002



11.9455, 14.3624, 22.3930

Triad

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



11.2262, 14.3624, 18.4002



15.8413, 14.3624, 21.3168



14.1591, 14.3624, 9.1210

Complementary

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



11.2262, 14.3624, 18.4002



9.8862, 7.7959, 5.8346

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.



15.5116, 14.3624, 10.3999



11.2262, 14.3624, 18.4002



16.5268, 14.3624, 17.1201

Square

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



11.2262, 14.3624, 18.4002



14.5841, 14.3624, 24.2693



16.4021, 14.3624, 13.1674



12.7586, 14.3624, 9.3428

Rectangle

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



11.2262, 14.3624, 18.4002



12.7113, 14.3624, 24.2001



16.4021, 14.3624, 13.1674



14.6360, 14.3624, 9.3795

Sweetspot

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



11.2266, 14.3630, 18.4005



25.8016, 28.8672, 33.2566



9.1952, 13.7317, 7.1446



6.0557, 6.8323, 7.9286



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.



11.2266, 14.3630, 18.4005



18.8485, 25.0047, 32.8775



8.7526, 9.4149, 17.5759



3.7775, 4.1436, 4.6909



10.2545, 14.8486, 20.8682



49.8935, 72.2036, 101.6673

Inverse Universe

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



11.9413, 8.5270, 16.9366



20.3115, 13.1630, 29.8571



11.6818, 11.3869, 6.4331



3.8237, 3.7568, 4.5983



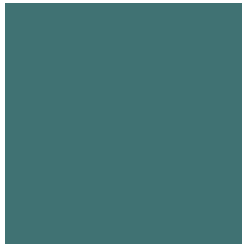
11.4731, 5.5230, 18.2314



55.8707, 26.8984, 88.6373

Previews

White Background



This preview shows how the XYZ color 11.2262, 14.3624, 18.4002 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 11.2262, 14.3624, 18.4002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

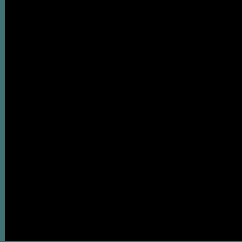
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.2262, 14.3624, 18.4002

Background



This preview shows how black text looks on a background with the XYZ color 11.2262, 14.3624, 18.4002.



This preview shows how white text looks on a background with the XYZ color 11.2262, 14.3624,

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

11.2262, 14.3624, 18.4002

Protanopia

13.7558, 14.2714, 16.4977

Deuteranopia

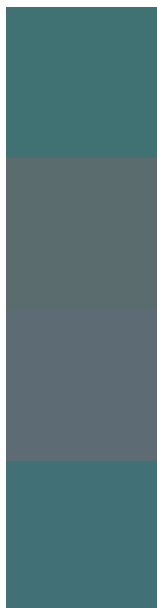
14.4915, 14.2998, 18.8260



Tritanopia

11.6647, 14.3736, 20.5719

Trichromacy



Original Color

11.2262, 14.3624, 18.4002

Protanomaly

12.5462, 14.0970, 17.0987

Deuteranomaly

12.9243, 14.1035, 18.5641

Tritanomaly

11.4149, 14.2660, 19.6047

Monochromacy



Original Color

11.2262, 14.3624, 18.4002

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.3379, 12.8990, 15.2568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2262, 14.3624, 18.4002 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(64, 114, 115)` looks like.

```
.text, #text, p{  
    color:rgb(64, 114, 115)  
}
```

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(64, 114, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 114, 115) }
```

Border

The CSS property to change the border of an element to XYZ 11.2262, 14.3624, 18.4002 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(64, 114, 115) }
```


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

```
.border{ border-color:rgb(64, 114, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 114, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 114, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 114, 115);  
box-shadow:4px 4px 4px 4px rgb(64, 114,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2262, 14.3624, 18.4002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 114, 115) }
```

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

```
.background{ background-color: rgb(64, 114,  
115) }
```

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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