

Converting Colors

XYZ(11.5755, 13.0921, 17.1043)

Have a look what the booklet for
XYZ(11.5755, 13.0921, 17.1043)
contains.

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Color

**XYZ(11.6324, 13.1578,
17.2559)**

Conversions

Conversions Part 1

Format	Color
Hex	546970
RGB	84, 105, 112
RGB Percent	33%, 41%, 44%
CMY	0.6706, 0.5882, 0.5608
CMYK	0.25, 0.06, 0.00, 0.56
HSL	195°, 14%, 38%
HSV	195°, 25%, 44%
XYZ	11.6324, 13.1578, 17.2559
YIQ	99.5190, -14.7630, -2.2750

Conversions

Conversions Part 2

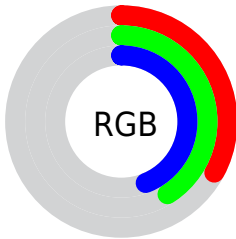
Format	Color
R_{YB}	84, 96, 112
Decimal	5532016
CIE _{Lab}	43.00, -6.07, -6.51
CIE _{LCh}	43, 8.896, 227.014
Yxy	13.1578, 0.2767, 0.3129
Android (android.graphics.Color)	4283722096 (0xFF546970)
YUV	99.5190, 6.1531, -13.6102
Hunter-Lab	36.2737, -6.2368, -2.8135

Details

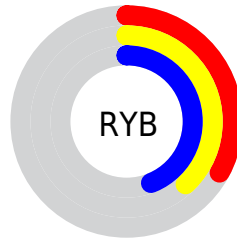
The XYZ color **11.6324, 13.1578, 17.2559** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.0237, 11.5673, 9.9869**, and the grayscale version is **11.9787, 12.6026, 13.7242**.

A 20% lighter version of the original color is **28.4208, 31.5256, 39.7091**, and **3.2378, 3.8083, 5.4149** is the 20% darker color. If you saturate the color by 10%, you get **10.4286, 12.1212, 17.1195**, and if you desaturate by 10%, it is **13.0067, 14.2969, 17.4036**.

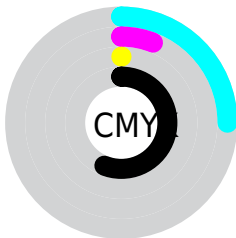
Distribution



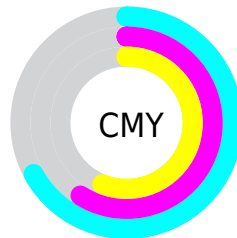
- Red (33%)
- Green (41%)
- Blue (44%)



- Red (33%)
- Yellow (38%)
- Blue (44%)



- Cyan (25%)
- Magenta (6%)
- Yellow (0%)
- Black (56%)



- Cyan (67%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6324, 13.1578, 17.2559 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 11.6324, 13.1578, 17.2559 by changing the saturation by 10% instead.

■ 11.6324, 13.1578,
17.2559

■ 11.6324, 13.1578,
17.2559

■ 195.7763,
211.9265, 248.7364

■ 6.5643, 7.5373,
10.2532

■ 28.4465, 31.5870,
39.5619

■ 3.2350, 3.8003,
5.4594

■ 40.9232, 45.1645,
55.7023

■ 1.2792, 1.5625,
2.4558

■ 56.6002, 62.1631,
75.7257

■ 0.1676, 0.3321,
0.8166

■ 75.8428, 82.9672,
100.0506

■ 0.0000, 0.0000,
0.0000

■ 99.0163, 107.9612,
129.0956

126.4862,

137.5295, 163.2792

158.6177,
172.0564, 203.0200

■ 11.6324, 13.1578,
17.2559

■ 11.6324, 13.1578,
17.2559

■ 10.4286, 12.1212,
17.1195

■ 13.0067, 14.2969,
17.4036

■ 9.3865, 11.1813,
16.9930

■ 14.5575, 15.5408,
17.5619

■ 8.4981, 10.3344,
16.8763

■ 16.2920, 16.8936,
17.7316

■ 7.7543, 9.5756,
16.7691

■ 18.2165, 18.3587,
17.9130

■ 7.1450, 8.8995,
16.6707

■ 20.3372, 19.9393,
18.1063

■ 6.6588, 8.3002,
16.5806

■ 22.6598, 21.6386,
18.3119

■ 6.2752, 7.7668,
16.4979

■ 25.1900, 23.4596,
18.5300

■ 6.0953, 7.5111,
16.4580

■ 27.9330, 25.4052,
18.7610

■ 30.8939, 27.4780,
19.0050

Harmonies

Analogous

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



11.2926, 13.1578, 15.4548



11.6324, 13.1578, 17.2559



12.2135, 13.1578, 18.3103

Triad

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



11.6324, 13.1578, 17.2559



13.8291, 13.1578, 15.1880



12.1260, 13.1578, 11.0245

Complementary

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



11.6324, 13.1578, 17.2559



12.0237, 11.5673, 9.9869

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.



12.8034, 13.1578, 10.9672



11.6324, 13.1578, 17.2559



13.8036, 13.1578, 13.2547

Square

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



11.6324, 13.1578, 17.2559



13.4910, 13.1578, 17.0453



13.4225, 13.1578, 11.7491



11.5704, 13.1578, 11.9136

Rectangle

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



11.6324, 13.1578, 17.2559



12.6670, 13.1578, 18.3905



13.4225, 13.1578, 11.7491



12.3465, 13.1578, 10.9104

Sweetspot

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



11.6328, 13.1583, 17.2562



24.9513, 26.8075, 30.7891



11.3189, 14.2208, 11.9410



5.9686, 6.4198, 7.3943



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.



11.6328, 13.1583, 17.2562



19.1759, 22.0399, 30.1732



10.3623, 10.6173, 16.8327



3.4078, 3.6809, 4.2851



7.0280, 8.6464, 19.0201



34.3004, 41.6527, 94.5111

Inverse Universe

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



12.4026, 10.8057, 14.7972



20.7997, 17.2381, 24.9502



13.2868, 14.0935, 10.4079



3.4805, 3.4399, 4.0571



9.5658, 4.7187, 10.0551



47.2932, 23.3626, 48.2037

Previews

White Background



This preview shows how the XYZ color 11.6324, 13.1578, 17.2559 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 11.6324, 13.1578, 17.2559 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

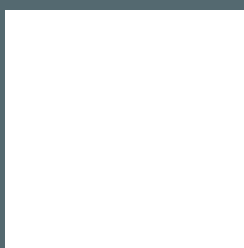
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.6324, 13.1578, 17.2559

Background



This preview shows how black text looks on a background with the XYZ color 11.6324, 13.1578, 17.2559.



This preview shows how white text looks on a background with the XYZ color 11.6324, 13.1578,

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

11.6324, 13.1578, 17.2559

Protanopia

12.7808, 13.1782, 16.3380

Deuteranopia

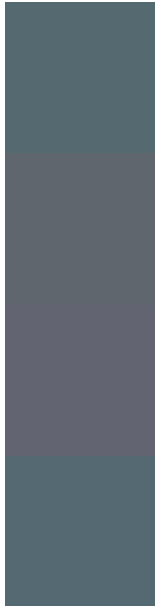
13.3863, 13.1801, 17.4613



Tritanopia

11.6884, 13.1802, 17.5508

Trichromacy



Original Color

11.6324, 13.1578, 17.2559

Protanomaly

12.2852, 13.0614, 16.6255

Deuteranomaly

12.6713, 13.0963, 17.4828

Tritanomaly

11.6884, 13.1802, 17.5508

Monochromacy



Original Color

11.6324, 13.1578, 17.2559

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.8662, 12.8819, 14.9577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6324, 13.1578, 17.2559 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(84, 105, 112) looks like.

```
.text, #text, p{  
    color:rgb(84, 105, 112)  
}
```

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(84, 105, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 105, 112) }
```

Border

The CSS property to change the border of an element to XYZ 11.6324, 13.1578, 17.2559 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(84, 105, 112) }
```


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

```
.border{ border-color:rgb(84, 105, 112) }
```

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

Here you see how a box with a 4 pixel rgb(84, 105, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 105, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 105, 112);  
box-shadow:4px 4px 4px 4px rgb(84, 105,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6324, 13.1578, 17.2559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 105, 112) }
```

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

```
.background{ background-color: rgb(84, 105,  
112) }
```

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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