

Converting Colors

XYZ(15.6557, 22.9380, 21.3716)

Have a look what the booklet for
XYZ(15.6557, 22.9380, 21.3716)
contains.

XYZ(15.6557, 22.9380, 21.3716)	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(15.6557, 22.9380,
21.3716)**

Conversions

Conversions Part 1

Format	Color
Hex	3E9278
RGB	62, 146, 120
RGB Percent	24%, 57%, 47%
CMY	0.7568, 0.4274, 0.5294
CMYK	0.58, 0.00, 0.18, 0.43
HSL	161°, 40%, 41%
HSV	161°, 58%, 57%
XYZ	15.6557, 22.9380, 21.3716
YIQ	117.9200, -41.7180, -25.8940

Conversions

Conversions Part 2

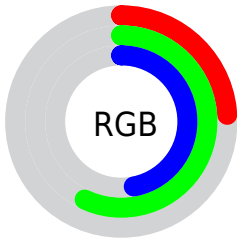
Format	Color
R _{YB}	62, 112, 146
Decimal	4100728
CIE _{Lab}	55.01, -31.99, 6.20
CIE _{LCh}	55, 32.583, 169.036
Y _{xy}	22.9380, 0.2611, 0.3825
Android (android.graphics.Color)	4282290808 (0xFF3E9278)
Y _{UV}	117.9200, 1.0254, -49.0418
Hunter-Lab	47.8936, -25.4649, 7.0685

Details

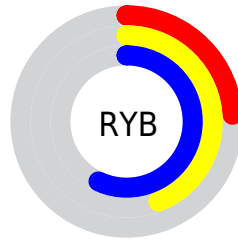
The XYZ color **15.6557, 22.9380, 21.3716** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **15.3390, 10.2615, 10.4058**, and the grayscale version is **17.2017, 18.0975, 19.7082**.

A 20% lighter version of the original color is **35.4368, 48.0690, 46.4403**, and **5.2619, 8.6523, 7.5236** is the 20% darker color. If you saturate the color by 10%, you get **14.5926, 22.4215, 19.9240**, and if you desaturate by 10%, it is **16.9791, 23.5884, 22.9000**.

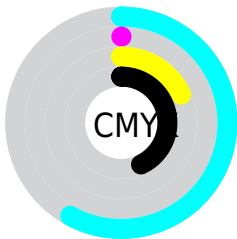
Distribution



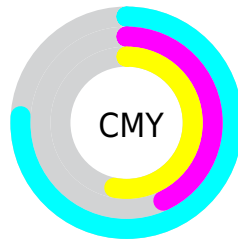
- Red (24%)
- Green (57%)
- Blue (47%)



- Red (24%)
- Yellow (44%)
- Blue (57%)



- Cyan (58%)
- Magenta (0%)
- Yellow (18%)
- Black (43%)



- Cyan (76%)
- Magenta (43%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.6557, 22.9380, 21.3716 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 15.6557, 22.9380, 21.3716 by changing the saturation by 10% instead.


 15.6557, 22.9380,
21.3716


 15.6557, 22.9380,
21.3716


220.6120,
267.4064, 272.0924


 9.3701, 14.5477,
13.2020


 35.5617, 48.2915,
46.5940


 5.0424, 8.5026,
7.4354


 49.9129, 66.0235,
64.4838


 2.3072, 4.4182,
3.6533

 67.6834, 87.6383,
86.4508

 0.7983, 1.9101,
1.4372

 89.2385, 113.5201,
112.9136

 0.0000, 0.5545,
0.1704

 114.9435,
144.0534, 144.2906

 0.0000, 0.0000,
0.0000

145.1639,

179.6227, 181.0003

180.2649,
220.6122, 223.4614

■ 15.6557, 22.9380,
21.3716

■ 15.6557, 22.9380,
21.3716

■ 14.5926, 22.4215,
19.9240

■ 16.9791, 23.5884,
22.9000

■ 13.7674, 22.0255,
18.5538

■ 18.5789, 24.3791,
24.5092

■ 13.1572, 21.7390,
17.2593

■ 20.4723, 25.3197,
26.2017

■ 12.7189, 21.5396,
16.0377

■ 22.6744, 26.4179,
27.9788

■ 12.6189, 21.4944,
15.7465

■ 25.1992, 27.6809,
29.8421

■ 28.0601, 29.1155,
31.7931

■ 31.2693, 30.7281,
33.8332

■ 34.8388, 32.5247,
35.9637

■ 38.7797, 34.5112,
38.1860

Harmonies

Analogous

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



16.9555, 22.9380, 14.0508



15.6557, 22.9380, 21.3716



15.8600, 22.9380, 32.0604

Triad

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



15.6557, 22.9380, 21.3716



24.1526, 22.9380, 48.9663



26.6926, 22.9380, 12.7412

Complementary

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



15.6557, 22.9380, 21.3716



15.3390, 10.2615, 10.4058

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.



29.0685, 22.9380, 19.0199



15.6557, 22.9380, 21.3716



27.4936, 22.9380, 40.4623

Square

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



15.6557, 22.9380, 21.3716



20.5042, 22.9380, 50.1131



29.3769, 22.9380, 28.9635



23.1532, 22.9380, 10.0682

Rectangle

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



15.6557, 22.9380, 21.3716



16.8284, 22.9380, 39.7572



29.3769, 22.9380, 28.9635



27.6698, 22.9380, 14.4041

Sweetspot

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



15.6563, 22.9389, 21.3721



40.0774, 46.6417, 49.4165



15.2307, 23.0107, 8.1967



8.7559, 10.2961, 10.8693



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.6563, 22.9389, 21.3721



25.2838, 39.3315, 34.4409



15.2384, 19.2257, 30.1030



5.8885, 6.5320, 7.0235



11.1145, 18.9186, 13.9104



0.1493, 0.2369, 0.2401

Inverse Universe

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



15.3390, 10.2615, 10.4058



24.6928, 14.7540, 13.3008



15.4063, 11.8234, 6.0281



5.8703, 5.8432, 6.4233



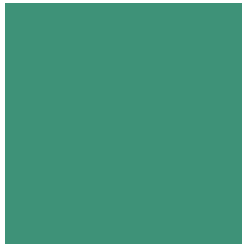
10.8608, 5.5494, 2.7482



0.1450, 0.0727, 0.0971

Previews

White Background



This preview shows how the XYZ color 15.6557, 22.9380, 21.3716 looks on a white 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

Black Background



This preview shows how the XYZ color 15.6557, 22.9380, 21.3716 looks on a black 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

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

XYZ 15.6557, 22.9380, 21.3716

Background



This preview shows how black text looks on a background with the XYZ color 15.6557, 22.9380, 21.3716.

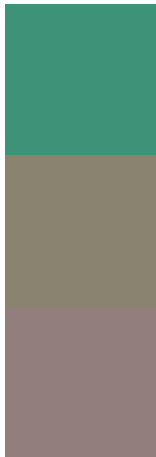


This preview shows how white text looks on a background with the XYZ color 15.6557, 22.9380,

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

15.6557, 22.9380, 21.3716

Protanopia

21.5222, 22.8057, 18.5968

Deuteranopia

22.9530, 22.4879, 22.1996



Tritanopia

18.0223, 22.7661, 33.5814

Trichromacy



Original Color

15.6557, 22.9380, 21.3716

Protanomaly

18.3291, 22.1611, 19.5311

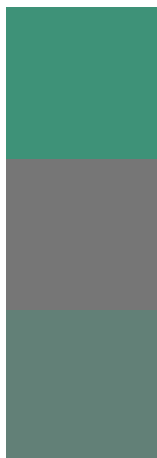
Deuteranomaly

19.0329, 21.8500, 21.9532

Tritanomaly

17.0844, 22.8332, 28.7061

Monochromacy



Original Color

15.6557, 22.9380, 21.3716

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.0859, 19.3669, 20.3431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6557, 22.9380, 21.3716 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(62, 146, 120)` looks like.

```
.text, #text, p{  
    color:rgb(62, 146, 120)  
}
```

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(62, 146, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 146, 120) }
```

Border

The CSS property to change the border of an element to XYZ 15.6557, 22.9380, 21.3716 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(62, 146, 120) }
```


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

```
.border{ border-color:rgb(62, 146, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 146, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 146, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 146, 120);  
box-shadow:4px 4px 4px 4px rgb(62, 146,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6557, 22.9380, 21.3716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 146, 120) }
```

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

```
.background{ background-color: rgb(62, 146,  
120) }
```

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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