

Converting Colors

XYZ(22.3813, 30.6542, 35.3248)

Have a look what the booklet for
XYZ(22.3813, 30.6542, 35.3248)
contains.

XYZ(22.3326, 30.5463, 35.2908)	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(22.3326, 30.5463,
35.2908)**

Conversions

Conversions Part 1

Format	Color
Hex	4FA49A
RGB	79, 164, 154
RGB Percent	31%, 64%, 60%
CMY	0.6902, 0.3569, 0.3961
CMYK	0.52, 0.00, 0.06, 0.36
HSL	173°, 35%, 48%
HSV	173°, 52%, 64%
XYZ	22.3326, 30.5463, 35.2908
YIQ	137.4450, -47.4500, -21.1300

Conversions

Conversions Part 2

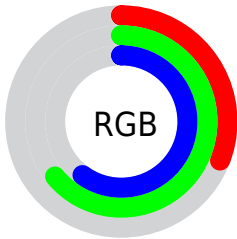
Format	Color
R_{YB}	79, 124, 164
Decimal	5219482
CIE _{Lab}	62.12, -28.20, -2.69
CIE _{LCh}	62, 28.329, 185.444
Yxy	30.5463, 0.2533, 0.3464
Android (android.graphics.Color)	4283409562 (0xFF4FA49A)
YUV	137.4450, 8.1616, -51.2563
Hunter-Lab	55.2687, -24.5932, 0.8296

Details

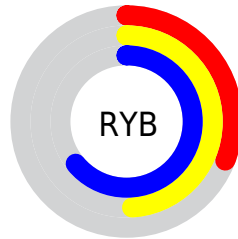
The XYZ color **22.3326, 30.5463, 35.2908** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **19.9100, 14.2065, 11.1449**, and the grayscale version is **23.9300, 25.1762, 27.4169**.

A 20% lighter version of the original color is **46.7084, 60.3680, 68.8649**, and **8.3804, 12.6388, 14.8298** is the 20% darker color. If you saturate the color by 10%, you get **20.9739, 29.8650, 34.3955**, and if you desaturate by 10%, it is **24.0322, 31.4045, 36.2169**.

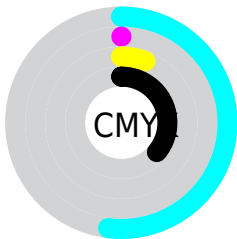
Distribution



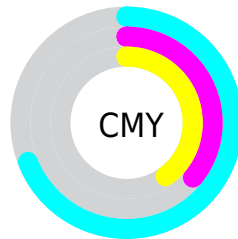
- Red (31%)
- Green (64%)
- Blue (60%)



- Red (31%)
- Yellow (49%)
- Blue (64%)



- Cyan (52%)
- Magenta (0%)
- Yellow (6%)
- Black (36%)



- Cyan (69%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3326, 30.5463, 35.2908 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 22.3326, 30.5463, 35.2908 by changing the saturation by 10% instead.

■ 22.3326, 30.5463,
35.2908

■ 22.3326, 30.5463,
35.2908

256.8781,
304.4427, 340.7932

■ 14.2195, 20.2536,
23.6016

■ 46.7699, 60.5251,
69.0927

■ 8.3562, 12.5795,
14.8289

■ 63.8247, 80.9799,
92.0425

■ 4.3774, 7.1397,
8.5541

■ 84.5908, 105.5909,
119.5829

■ 1.9178, 3.5496,
4.3587

■ 109.4336,
134.7426, 152.1325

■ 0.5871, 1.4249,
1.8241

■ 138.7184,
168.8191, 190.1098

■ 0.0000, 0.2350,
0.4438

172.8105,

■ 0.0000, 0.0000,

208.2051, 233.9333

0.0000

212.0753,
253.2848, 284.0216

■ 22.3326, 30.5463,
35.2908

■ 22.3326, 30.5463,
35.2908

■ 20.9739, 29.8650,
34.3955

■ 24.0322, 31.4045,
36.2169

■ 19.9283, 29.3441,
33.5276

■ 26.0926, 32.4477,
37.1727

■ 19.1677, 28.9699,
32.6864

■ 28.5356, 33.6877,
38.1601

■ 18.6582, 28.7247,
31.8703

■ 31.3801, 35.1345,
39.1799

■ 18.3641, 28.5872,
31.2190

■ 34.6440, 36.7972,
40.2331

■ 38.3442, 38.6844,
41.3206

■ 42.4963, 40.8044,
42.4430

■ 47.1155, 43.1648,
43.6012

■ 52.2161, 45.7731,
44.7959

Harmonies

Analogous

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



22.8654, 30.5463, 25.2785



22.3326, 30.5463, 35.2908



23.4634, 30.5463, 46.9744

Triad

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



22.3326, 30.5463, 35.2908



33.4934, 30.5463, 53.4533



32.1863, 30.5463, 17.5905

Complementary

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



22.3326, 30.5463, 35.2908



19.9100, 14.2065, 11.1449

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.



35.4215, 30.5463, 22.5138



22.3326, 30.5463, 35.2908



36.2213, 30.5463, 42.7655

Square

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



22.3326, 30.5463, 35.2908



29.7341, 30.5463, 58.8303



36.9559, 30.5463, 31.3081



28.3436, 30.5463, 16.4373

Rectangle

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



22.3326, 30.5463, 35.2908



25.0722, 30.5463, 53.7098



36.9559, 30.5463, 31.3081



33.3911, 30.5463, 18.7972

Sweetspot

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



22.3335, 30.5475, 35.2915



54.5566, 62.5506, 70.2801



18.9366, 29.3071, 12.0564



11.7101, 13.5644, 15.2864



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



22.3335, 30.5475, 35.2915



37.7839, 54.0650, 62.2176



18.2909, 21.0730, 38.2268



7.2401, 7.9968, 8.8759



14.0915, 21.9230, 23.9963



0.3055, 0.4644, 0.5540

Inverse Universe

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



19.9100, 14.2065, 11.1449



32.9206, 21.1336, 13.6589



22.3161, 19.6458, 10.0135



7.1061, 7.0989, 7.5452



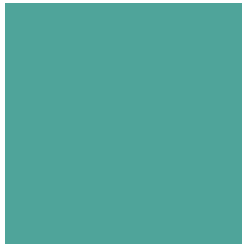
11.8408, 6.0924, 1.0864



0.2582, 0.1318, 0.0721

Previews

White Background



This preview shows how the XYZ color 22.3326, 30.5463, 35.2908 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 22.3326, 30.5463, 35.2908 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 ✓ Pass

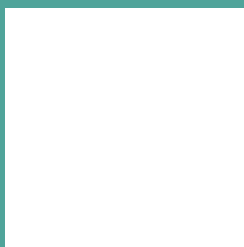
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.3326, 30.5463, 35.2908

Background



This preview shows how black text looks on a background with the XYZ color 22.3326, 30.5463, 35.2908.

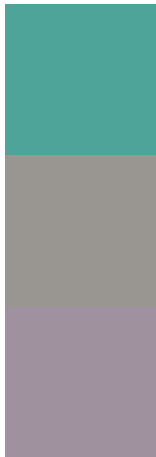


This preview shows how white text looks on a background with the XYZ color 22.3326, 30.5463,

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

22.3326, 30.5463, 35.2908

Protanopia

28.9951, 30.3115, 31.1106

Deuteranopia

30.7942, 30.1930, 36.5526



Tritanopia

24.2226, 30.5242, 44.6595

Trichromacy



Original Color

22.3326, 30.5463, 35.2908

Protanomaly

25.5051, 29.6849, 32.4025

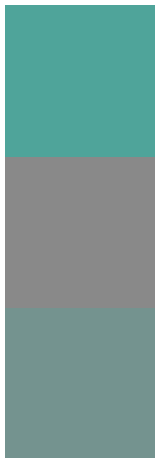
Deuteranomaly

26.6741, 29.7161, 36.2282

Tritanomaly

23.4627, 30.4697, 41.2038

Monochromacy



Original Color

22.3326, 30.5463, 35.2908

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.5941, 26.5636, 29.9231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3326, 30.5463, 35.2908 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(79, 164, 154)` looks like.

```
.text, #text, p{  
    color:rgb(79, 164, 154)  
}
```

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(79, 164, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 164, 154) }
```

Border

The CSS property to change the border of an element to XYZ 22.3326, 30.5463, 35.2908 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(79, 164, 154) }
```


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

```
.border{ border-color:rgb(79, 164, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 164, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 164, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 164, 154);  
box-shadow:4px 4px 4px 4px rgb(79, 164,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3326, 30.5463, 35.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 164, 154) }
```

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

```
.background{ background-color: rgb(79, 164,  
154) }
```

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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