

Converting Colors

XYZ(17.5326, 25.7938, 22.1438)

Have a look what the booklet for
XYZ(17.5326, 25.7938, 22.1438)
contains.

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Color

**XYZ(17.5326, 25.7938,
22.1438)**

Conversions

Conversions Part 1

Format	Color
Hex	469A79
RGB	70, 154, 121
RGB Percent	27%, 60%, 47%
CMY	0.7255, 0.3961, 0.5255
CMYK	0.55, 0.00, 0.21, 0.40
HSL	156°, 37%, 44%
HSV	156°, 55%, 60%
XYZ	17.5326, 25.7938, 22.1438
YIQ	125.1220, -39.4710, -28.0710

Conversions

Conversions Part 2

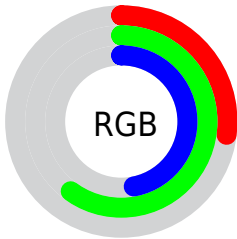
Format	Color
R_{YB}	70, 122, 154
Decimal	4627065
CIE _{Lab}	57.84, -33.65, 9.70
CIE _{LCh}	58, 35.024, 163.926
Yxy	25.7938, 0.2678, 0.3940
Android (android.graphics.Color)	4282817145 (0xFF469A79)
YUV	125.1220, -2.0321, -48.3420
Hunter-Lab	50.7876, -27.2576, 9.7004

Details

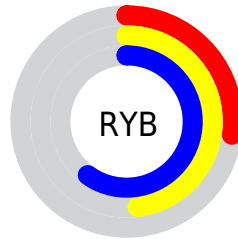
The XYZ color **17.5326, 25.7938, 22.1438** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **17.9657, 12.2303, 14.2468**, and the grayscale version is **19.5508, 20.5690, 22.3997**.

A 20% lighter version of the original color is **38.8007, 52.9780, 47.7159**, and **5.9211, 9.9706, 7.7433** is the 20% darker color. If you saturate the color by 10%, you get **16.2016, 25.1499, 20.2054**, and if you desaturate by 10%, it is **19.1732, 26.5960, 24.2194**.

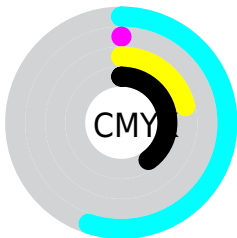
Distribution



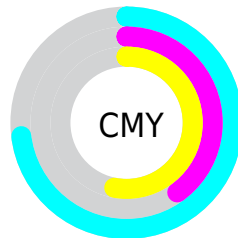
- Red (27%)
- Green (60%)
- Blue (47%)



- Red (27%)
- Yellow (48%)
- Blue (60%)



- Cyan (55%)
- Magenta (0%)
- Yellow (21%)
- Black (40%)



- Cyan (73%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5326, 25.7938, 22.1438 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 17.5326, 25.7938, 22.1438 by changing the saturation by 10% instead.

■ 17.5326, 25.7938,
22.1438

■ 17.5326, 25.7938,
22.1438

231.3201,
281.7684, 276.2743

■ 10.7126, 16.6694,
13.7633

■ 38.7756, 52.9421,
47.8888

■ 5.9398, 9.9991,
7.8193

■ 53.9293, 71.7348,
66.0903

■ 2.8488, 5.3984,
3.8935

■ 72.5917, 94.5192,
88.4026

■ 1.0743, 2.4828,
1.5671

■ 95.1280, 121.6795,
115.2442

■ 0.0035, 0.8680,
0.2672

■ 121.9036,
153.6002, 147.0336

■ 0.0000, 0.0000,
0.0000

153.2840,

190.6656, 184.1894

189.6343,
233.2602, 227.1301

■ 17.5326, 25.7938,
22.1438

■ 17.5326, 25.7938,
22.1438

■ 16.2016, 25.1499,
20.2054

■ 19.1732, 26.5960,
24.2194

■ 15.1554, 24.6494,
18.3990

■ 21.1416, 27.5638,
26.4333

■ 14.3687, 24.2802,
16.7218

■ 23.4569, 28.7076,
28.7893

■ 13.8096, 24.0257,
15.1700

■ 26.1364, 30.0364,
31.2902

■ 13.5541, 23.9113,
14.3732

■ 29.1959, 31.5581,
33.9386

■ 32.6503, 33.2806,
36.7372

■ 36.5139, 35.2110,
39.6887

■ 40.8000, 37.3563,
42.7955

■ 45.5215, 39.7229,
46.0599

Harmonies

Analogous

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



19.3193, 25.7938, 14.4801



17.5326, 25.7938, 22.1438



17.4699, 25.7938, 34.0410

Triad

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



17.5326, 25.7938, 22.1438



26.5161, 25.7938, 57.1245



30.8196, 25.7938, 14.8788

Complementary

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



17.5326, 25.7938, 22.1438



17.9657, 12.2303, 14.2468

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.



33.2406, 25.7938, 22.8678



17.5326, 25.7938, 22.1438



30.5704, 25.7938, 48.3055

Square

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



17.5326, 25.7938, 22.1438



22.3429, 25.7938, 56.7643



33.1445, 25.7938, 35.0040



26.8261, 25.7938, 11.1813

Rectangle

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



17.5326, 25.7938, 22.1438



18.3952, 25.7938, 43.1097



33.1445, 25.7938, 35.0040



31.8636, 25.7938, 17.0331

Sweetspot

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



17.5333, 25.7948, 22.1444



46.5629, 54.1074, 56.0126



18.3245, 26.4737, 9.9389



10.3230, 12.1396, 12.4798



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.5333, 25.7948, 22.1444



29.0598, 45.5067, 36.1089



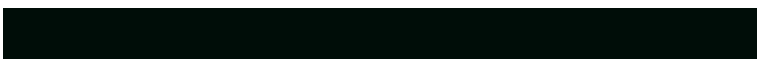
18.5767, 24.0709, 34.2402



6.2817, 6.9854, 7.4069



11.0603, 19.4876, 11.8041



0.1832, 0.2985, 0.2702

Inverse Universe

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



17.9657, 12.2303, 14.2468



29.9404, 18.3280, 20.3561



17.1856, 12.8187, 7.3632



6.3043, 6.2609, 6.9824



11.5494, 5.8740, 4.1521



0.1898, 0.0947, 0.1521

Previews

White Background



This preview shows how the XYZ color 17.5326, 25.7938, 22.1438 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 17.5326, 25.7938, 22.1438 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 17.5326, 25.7938, 22.1438

Background



This preview shows how black text looks on a background with the XYZ color 17.5326, 25.7938, 22.1438.



This preview shows how white text looks on a background with the XYZ color 17.5326, 25.7938,

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

17.5326, 25.7938, 22.1438

Protanopia

23.9232, 25.4802, 19.2801

Deuteranopia

25.7995, 25.3236, 22.9302



Tritanopia

20.6601, 25.8619, 37.6212

Trichromacy



Original Color

17.5326, 25.7938, 22.1438

Protanomaly

20.5969, 25.0590, 20.2743

Deuteranomaly

21.6204, 24.8650, 22.7287

Tritanomaly

19.3968, 25.8282, 31.1572

Monochromacy



Original Color

17.5326, 25.7938, 22.1438

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.2679, 22.0668, 22.3653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5326, 25.7938, 22.1438 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(70, 154, 121)` looks like.

```
.text, #text, p{  
    color:rgb(70, 154, 121)  
}
```

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(70, 154, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 154, 121) }
```

Border

The CSS property to change the border of an element to XYZ 17.5326, 25.7938, 22.1438 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(70, 154, 121) }
```


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

```
.border{ border-color:rgb(70, 154, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 154, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 154, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 154, 121);  
box-shadow:4px 4px 4px 4px rgb(70, 154,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5326, 25.7938, 22.1438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 154, 121) }
```

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

```
.background{ background-color: rgb(70, 154,  
121) }
```

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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