

Converting Colors

XYZ(22.5496, 35.7361, 25.0153)

Have a look what the booklet for
XYZ(22.5496, 35.7361, 25.0153)
contains.

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Color

**XYZ(22.5403, 35.7217,
25.1090)**

Conversions

Conversions Part 1

Format	Color
Hex	43B57D
RGB	67, 181, 125
RGB Percent	26%, 71%, 49%
CMY	0.7372, 0.2902, 0.5098
CMYK	0.63, 0.00, 0.31, 0.29
HSL	151°, 46%, 49%
HSV	151°, 63%, 71%
XYZ	22.5403, 35.7217, 25.1090
YIQ	140.5300, -49.9680, -41.5840

Conversions

Conversions Part 2

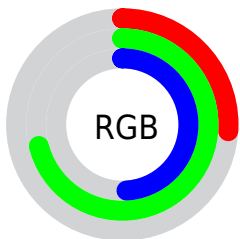
Format	Color
RYB	67, 143, 181
Decimal	4437373
CIELab	66.31, -45.28, 19.26
CIELCh	66, 49.209, 156.956
Yxy	35.7217, 0.2704, 0.4285
Android (android.graphics.Color)	4282627453 (0xFF43B57D)
YUV	140.5300, -7.6563, -64.4858
Hunter-Lab	59.7676, -37.2753, 16.9290

Details

The XYZ color **22.5403, 35.7217, 25.1090** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **24.6396, 15.2690, 20.3889**, and the grayscale version is **25.1774, 26.4886, 28.8461**.

A 20% lighter version of the original color is **47.2146, 68.7990, 52.9106**, and **8.8939, 15.7005, 9.3992** is the 20% darker color. If you saturate the color by 10%, you get **20.9452, 34.9631, 22.2012**, and if you desaturate by 10%, it is **24.5759, 36.7034, 28.3044**.

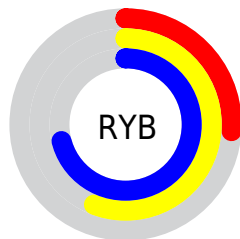
Distribution



Red (26%)

Green (71%)

Blue (49%)



Red (26%)

Yellow (56%)

Blue (71%)

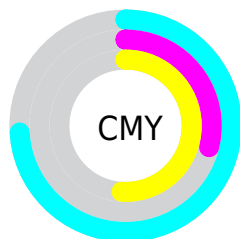


Cyan (63%)

Magenta (0%)

Yellow (31%)

Black (29%)



Cyan (74%)


Magenta (29%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.5403, 35.7217, 25.1090 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 22.5403, 35.7217, 25.1090 by changing the saturation by 10% instead.


 22.5403, 35.7217,
25.1090


 22.5403, 35.7217,
25.1090


257.9347,
327.7425, 291.8454


 14.3733, 24.2193,
15.9385


 47.1096, 68.6023,
52.8003


 8.4642, 15.4964,
9.3268


 64.2426, 90.7493,
72.1582


 4.4477, 9.1685,
4.8552


 85.0950, 117.2134,
95.7490

 1.9584, 4.8513,
2.1053

 110.0321,
148.3788, 123.9913

 0.6104, 2.1603,
0.6189

 139.4192,
184.6300, 157.3035

 0.0000, 0.6982,
0.0000

173.6218,

 0.0000, 0.0000,

226.3515, 196.1042

0.0000

213.0052,
273.9275, 240.8120

■ 22.5403, 35.7217,
25.1090

■ 22.5403, 35.7217,
25.1090

■ 20.9452, 34.9631,
22.2012

■ 24.5759, 36.7034,
28.3044

■ 19.7490, 34.4034,
19.5699

■ 27.0831, 37.9213,
31.7934

■ 18.9062, 34.0204,
17.2065

■ 30.0934, 39.3924,
35.5844

■ 18.4601, 33.8233,
15.7008

■ 33.6346, 41.1309,
39.6852

■ 37.7325, 43.1499,
44.1028

■ 42.4110, 45.4616,
48.8443

■ 47.6927, 48.0777,
53.9164

■ 53.5990, 51.0088,
59.3256

■ 60.1500, 54.2655,
65.0782

Harmonies

Analogous

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



26.1471, 35.7217, 14.6935



22.5403, 35.7217, 25.1090



21.7704, 35.7217, 44.0039

Triad

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



22.5403, 35.7217, 25.1090



35.6924, 35.7217, 94.4709



46.5399, 35.7217, 19.2878

Complementary

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



22.5403, 35.7217, 25.1090



24.6396, 15.2690, 20.3889

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.



49.9963, 35.7217, 34.1974



22.5403, 35.7217, 25.1090



43.1744, 35.7217, 81.0153

Square

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



22.5403, 35.7217, 25.1090



28.7169, 35.7217, 89.2734



48.6834, 35.7217, 56.9805



39.7884, 35.7217, 12.2786

Rectangle

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



22.5403, 35.7217, 25.1090



22.8519, 35.7217, 60.2710



48.6834, 35.7217, 56.9805



48.1669, 35.7217, 23.2851

Sweetspot

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



22.5412, 35.7231, 25.1098



62.8083, 74.9274, 73.9057



25.8504, 37.7396, 11.2327



13.1451, 15.9828, 15.5014



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



22.5412, 35.7231, 25.1098



36.5094, 62.1444, 37.6803



27.1803, 37.5788, 49.5386



8.5634, 9.5598, 9.9603



12.7607, 23.3302, 11.0084



0.4309, 0.7458, 0.5011

Inverse Universe

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



24.6396, 15.2690, 20.3889



40.5836, 22.4623, 28.5382



22.0773, 14.2441, 6.8964



8.6645, 8.5725, 9.7319



14.4123, 7.2825, 7.3314



0.4830, 0.2409, 0.3860

Previews

White Background



This preview shows how the XYZ color 22.5403, 35.7217, 25.1090 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 22.5403, 35.7217, 25.1090 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 22.5403, 35.7217, 25.1090

Background



This preview shows how black text looks on a background with the XYZ color 22.5403, 35.7217, 25.1090.

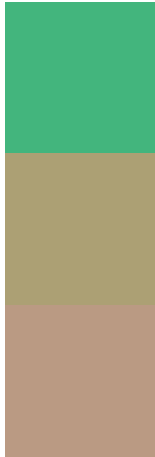


This preview shows how white text looks on a background with the XYZ color 22.5403, 35.7217,

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

22.5403, 35.7217, 25.1090

Protanopia

32.7364, 35.1732, 21.5867

Deuteranopia

35.9020, 35.1890, 26.3726



Tritanopia

27.9377, 35.5497, 52.4030

Trichromacy



Original Color

22.5403, 35.7217, 25.1090



Protanomaly

27.1639, 34.4055, 22.6620



Deuteranomaly

28.5656, 33.9755, 25.8212



Tritanomaly

25.5344, 35.4365, 40.6161

Monochromacy



Original Color

22.5403, 35.7217, 25.1090



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

23.2011, 29.1036, 27.3164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5403, 35.7217, 25.1090 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(67, 181, 125)` looks like.

```
.text, #text, p{  
    color:rgb(67, 181, 125)  
}
```

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(67, 181, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 181, 125) }
```

Border

The CSS property to change the border of an element to XYZ 22.5403, 35.7217, 25.1090 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(67, 181, 125) }
```


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

```
.border{ border-color:rgb(67, 181, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 181, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 181, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 181, 125);  
box-shadow:4px 4px 4px 4px rgb(67, 181,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5403, 35.7217, 25.1090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 181, 125) }
```

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

```
.background{ background-color: rgb(67, 181,  
125) }
```

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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