

Converting Colors

XYZ(14.3299, 17.8351, 22.0726)

Have a look what the booklet for
XYZ(14.3299, 17.8351, 22.0726)
contains.

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Color

**XYZ(14.3436, 17.8534,
22.0921)**

Conversions

Conversions Part 1

Format	Color
Hex	507D7D
RGB	80, 125, 125
RGB Percent	31%, 49%, 49%
CMY	0.6863, 0.5098, 0.5098
CMYK	0.36, 0.00, 0.00, 0.51
HSL	180°, 22%, 40%
HSV	180°, 36%, 49%
XYZ	14.3436, 17.8534, 22.0921
YIQ	111.5450, -26.8200, -9.5400

Conversions

Conversions Part 2

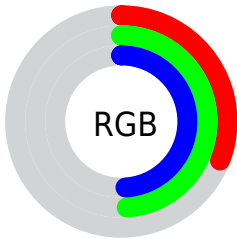
Format	Color
R_{YB}	80, 103, 125
Decimal	5275005
CIE _{Lab}	49.32, -15.34, -4.91
CIE _{LCh}	49, 16.106, 197.734
Yxy	17.8534, 0.2642, 0.3289
Android (android.graphics.Color)	4283465085 (0xFF507D7D)
YUV	111.5450, 6.6333, -27.6650
Hunter-Lab	42.2533, -13.3484, -1.4224

Details

The XYZ color **14.3436, 17.8534, 22.0921** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.7748, 10.6771, 8.9778**, and the grayscale version is **15.2553, 16.0498, 17.4782**.

A 20% lighter version of the original color is **33.3163, 39.8804, 48.0612**, and **4.4244, 5.9667, 7.7560** is the 20% darker color. If you saturate the color by 10%, you get **13.3849, 17.3596, 22.0475**, and if you desaturate by 10%, it is **15.4997, 18.4498, 22.1467**.

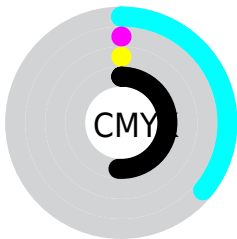
Distribution



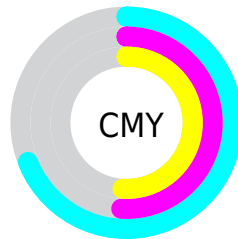
- Red (31%)
- Green (49%)
- Blue (49%)



- Red (31%)
- Yellow (40%)
- Blue (49%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (51%)



- Cyan (69%)
- Magenta (51%)
- Yellow (51%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3436, 17.8534, 22.0921 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 14.3436, 17.8534, 22.0921 by changing the saturation by 10% instead.

■ 14.3436, 17.8534,
22.0921

■ 14.3436, 17.8534,
22.0921

■ 212.8261,
240.0434, 275.9960

■ 8.4433, 10.8448,
13.7256

■ 33.2787, 39.7874,
47.8023

■ 4.4341, 5.9626,
7.7935

■ 47.0442, 55.4815,
65.9831

■ 1.9505, 2.8223,
3.8772

■ 64.1621, 74.8396,
88.2725

■ 0.6059, 1.0397,
1.5582

■ 84.9979, 98.2461,
115.0889

■ 0.0000, 0.0000,
0.2608

■ 109.9168,
126.0853, 146.8509

■ 0.0000, 0.0000,
0.0000

139.2843,

158.7417, 183.9771

173.4656,
196.5996, 226.8860

■ 14.3436, 17.8534,
22.0921

■ 14.3436, 17.8534,
22.0921

■ 13.3849, 17.3596,
22.0475

■ 15.4997, 18.4498,
22.1467

■ 12.6113, 16.9608,
22.0111

■ 16.8618, 19.1520,
22.2106

■ 12.0111, 16.6514,
21.9829

■ 18.4397, 19.9654,
22.2846

■ 11.5710, 16.4245,
21.9622

■ 20.2422, 20.8947,
22.3691

■ 11.2757, 16.2723,
21.9482

■ 22.2777, 21.9440,
22.4645

■ 11.0981, 16.1807,
21.9398

■ 24.5541, 23.1175,
22.5712

■ 11.0355, 16.1485,
21.9368

■ 27.0789, 24.4191,
22.6894

■ 29.8593, 25.8524,
22.8197

■ 32.9021, 27.4211,
22.9622

Harmonies

Analogous

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



14.2794, 17.8534, 17.7206



14.3436, 17.8534, 22.0921



15.0848, 17.8534, 26.2879

Triad

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



14.3436, 17.8534, 22.0921



19.2168, 17.8534, 25.6060



17.5954, 17.8534, 12.3751

Complementary

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



14.3436, 17.8534, 22.0921



12.7748, 10.6771, 8.9778

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.



19.0042, 17.8534, 13.8972



14.3436, 17.8534, 22.0921



19.9770, 17.8534, 21.2657

Square

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



14.3436, 17.8534, 22.0921



17.8717, 17.8534, 28.5150



19.8969, 17.8534, 17.0079



16.0974, 17.8534, 12.5281

Rectangle

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



14.3436, 17.8534, 22.0921



15.8894, 17.8534, 28.2247



19.8969, 17.8534, 17.0079



18.0967, 17.8534, 12.6972

Sweetspot

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



14.3441, 17.8541, 22.0925



31.4823, 34.9593, 39.8326



12.1541, 16.9855, 10.2278



7.0930, 7.9168, 9.0573



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.3441, 17.8541, 22.0925



24.2780, 31.2453, 39.4946



11.8857, 12.9371, 21.2735



4.4464, 4.8869, 5.5222



11.5173, 16.8535, 22.8945



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.7748, 10.6771, 8.9778



21.0387, 16.4314, 12.4247



14.6329, 14.3935, 9.5969



4.3278, 4.3443, 4.5306



8.8271, 4.5505, 0.4132



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.3436, 17.8534, 22.0921 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 14.3436, 17.8534, 22.0921 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 14.3436, 17.8534, 22.0921

Background



This preview shows how black text looks on a background with the XYZ color 14.3436, 17.8534, 22.0921.



This preview shows how white text looks on a background with the XYZ color 14.3436, 17.8534,

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

14.3436, 17.8534, 22.0921

Protanopia

17.1068, 17.6984, 20.2838

Deuteranopia

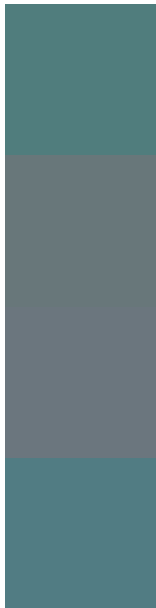
18.0165, 17.7779, 22.5606



Tritanopia

14.9904, 17.9304, 25.2251

Trichromacy



Original Color

14.3436, 17.8534, 22.0921

Protanomaly

15.8186, 17.5418, 20.9645

Deuteranomaly

16.3077, 17.5890, 22.2742

Tritanomaly

14.6977, 17.8033, 24.1345

Monochromacy



Original Color

14.3436, 17.8534, 22.0921

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.8277, 16.7163, 19.2747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3436, 17.8534, 22.0921 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(80, 125, 125) looks like.

```
.text, #text, p{  
    color:rgb(80, 125, 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(80, 125, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 125, 125) }
```

Border

The CSS property to change the border of an element to XYZ 14.3436, 17.8534, 22.0921 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(80, 125, 125) }
```


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

```
.border{ border-color:rgb(80, 125, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 125, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 125, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 125, 125);  
box-shadow:4px 4px 4px 4px rgb(80, 125,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3436, 17.8534, 22.0921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 125, 125) }
```

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

```
.background{ background-color: rgb(80, 125,  
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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