

Converting Colors

XYZ(25.7021, 34.3305, 22.8316)

Have a look what the booklet for
XYZ(25.7021, 34.3305, 22.8316)
contains.

XYZ(25.5897, 34.1463, 22.6949)	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(25.5897, 34.1463,
22.6949)**

Conversions

Conversions Part 1

Format	Color
Hex	79AA77
RGB	121, 170, 119
RGB Percent	47%, 67%, 47%
CMY	0.5255, 0.3333, 0.5333
CMYK	0.29, 0.00, 0.30, 0.33
HSL	118°, 23%, 57%
HSV	118°, 30%, 67%
XYZ	25.5897, 34.1463, 22.6949
YIQ	149.5350, -12.8330, -26.2490

Conversions

Conversions Part 2

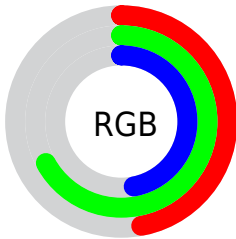
Format	Color
RYB	119, 170, 168
Decimal	7973495
CIELab	65.08, -26.62, 21.21
CIElCh	65, 34.034, 141.453
Yxy	34.1463, 0.3104, 0.4142
Android (android.graphics.Color)	4286163575 (0xFF79AA77)
YUV	149.5350, -15.0538, -25.0252
Hunter-Lab	58.4348, -24.0925, 17.8774

Details

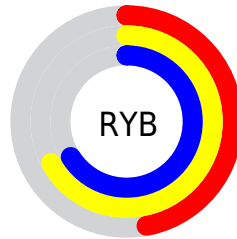
The XYZ color **25.5897, 34.1463, 22.6949** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.0023, 24.4217, 41.1645**, and the grayscale version is **28.8588, 30.3617, 33.0639**.

A 20% lighter version of the original color is **52.3219, 66.4852, 49.1050**, and **10.1097, 14.7012, 8.0991** is the 20% darker color. If you saturate the color by 10%, you get **22.5604, 32.6933, 17.6921**, and if you desaturate by 10%, it is **29.1910, 35.8751, 28.6793**.

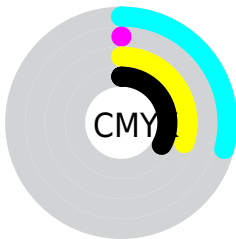
Distribution



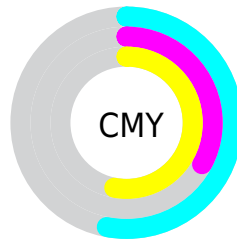
- Red (47%)
- Green (67%)
- Blue (47%)



- Red (47%)
- Yellow (67%)
- Blue (66%)



- Cyan (29%)
- Magenta (0%)
- Yellow (30%)
- Black (33%)



- Cyan (53%)
- Magenta (33%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5897, 34.1463, 22.6949 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 25.5897, 34.1463, 22.6949 by changing the saturation by 10% instead.

■ 25.5897, 34.1463,
22.6949

■ 25.5897, 34.1463,
22.6949

273.0559,
320.7839, 279.2250

■ 16.6480, 23.0060,
14.1652

■ 52.0483, 66.1611,
48.8087

■ 10.0776, 14.5979,
8.0956

■ 70.2960, 87.8044,
67.2299

■ 5.5131, 8.5377,
4.0675

■ 92.3763, 113.7175,
89.7853

■ 2.5892, 4.4409,
1.6625

118.6547,
144.2848, 116.8935

■ 0.9404, 1.9231,
0.3348

149.4965,
179.8907, 148.9730

■ 0.0000, 0.5622,
0.0000

185.2670,

■ 0.0000, 0.0000,

220.9196, 186.4424

0.0000

226.3317,
267.7559, 229.7202

■ 25.5897, 34.1463,
22.6949

■ 25.5897, 34.1463,
22.6949

■ 22.5604, 32.6933,
17.6921

■ 29.1910, 35.8751,
28.6793

■ 20.0713, 31.4977,
13.6163

■ 33.3888, 37.8883,
35.6914

■ 18.0913, 30.5458,
10.4113


■ 38.2095, 40.1995,
43.7769


■ 16.5852, 29.8209,
8.0139


■ 43.6769, 42.8200,
52.9784


■ 15.5135, 29.3041,
6.3520


■ 49.8137, 45.7608,
63.3361

 14.8299, 28.9734,
5.3411

 56.6416, 49.0321,
74.8880

 14.4588, 28.7938,
4.7957

 64.1811, 52.6437,
87.6705

 72.4514, 56.6049,
101.7150

 73.6654, 57.2308,
101.7718

Harmonies

Analogous

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



29.1092, 34.1463, 17.1998



25.5897, 34.1463, 22.6949



23.9524, 34.1463, 33.2880

Triad

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



25.5897, 34.1463, 22.6949



31.0661, 34.1463, 71.0178



42.1041, 34.1463, 28.1058

Complementary

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



25.5897, 34.1463, 22.6949



30.0023, 24.4217, 41.1645

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.



42.7637, 34.1463, 41.3631



25.5897, 34.1463, 22.6949



36.0479, 34.1463, 68.6133

Square

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



25.5897, 34.1463, 22.6949



26.8976, 34.1463, 62.7186



40.4500, 34.1463, 56.7988



38.7296, 34.1463, 19.7285

Rectangle

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



25.5897, 34.1463, 22.6949



24.0207, 34.1463, 42.8366



40.4500, 34.1463, 56.7988



42.6634, 34.1463, 32.0438

Sweetspot

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



25.5906, 34.1477, 22.6957



61.2662, 69.0714, 65.9079



33.8101, 37.6822, 22.9447



13.4031, 15.2787, 14.2633



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.5906, 34.1477, 22.6957



42.6602, 60.1457, 34.9457



26.8623, 34.6244, 30.8398



7.4629, 8.4212, 8.0214



10.6468, 21.1859, 3.5281



0.2673, 0.5197, 0.0862

Inverse Universe

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



30.0023, 24.4217, 41.1645



51.9641, 39.6236, 73.9112



28.4459, 23.8487, 30.7294



7.8124, 7.6514, 9.4835



16.5100, 7.8947, 28.6291



0.4103, 0.1965, 0.6970

Previews

White Background



This preview shows how the XYZ color 25.5897, 34.1463, 22.6949 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 25.5897, 34.1463, 22.6949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

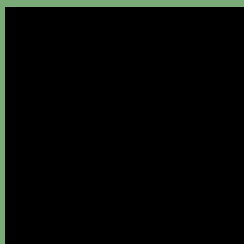
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.5897, 34.1463, 22.6949

Background



This preview shows how black text looks on a background with the XYZ color 25.5897, 34.1463, 22.6949.



This preview shows how white text looks on a background with the XYZ color 25.5897, 34.1463,

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

25.5897, 34.1463, 22.6949

Protanopia

31.3998, 33.7412, 20.4805

Deuteranopia

34.4089, 33.7536, 23.4404



Tritanopia

30.2937, 34.1543, 46.0701

Trichromacy



Original Color

25.5897, 34.1463, 22.6949

Protanomaly

28.9637, 33.7539, 21.2083

Deuteranomaly

30.4377, 33.4359, 23.2619

Tritanomaly

28.3050, 34.1510, 36.1103

Monochromacy



Original Color

25.5897, 34.1463, 22.6949

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.3646, 31.4670, 29.0576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5897, 34.1463, 22.6949 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(121, 170, 119)` looks like.

```
.text, #text, p{  
    color:rgb(121, 170, 119)  
}
```

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(121, 170, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 170, 119) }
```

Border

The CSS property to change the border of an element to XYZ 25.5897, 34.1463, 22.6949 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(121, 170, 119) }
```


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

```
.border{ border-color:rgb(121, 170, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 170, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 170, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 170, 119);  
box-shadow:4px 4px 4px 4px rgb(121, 170,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5897, 34.1463, 22.6949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 170, 119) }
```

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

```
.background{ background-color: rgb(121,  
170, 119) }
```

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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