

Converting Colors

XYZ(14.8316, 22.0046, 27.9759)

Have a look what the booklet for
XYZ(14.8316, 22.0046, 27.9759)
contains.

XYZ(14.7586, 21.8751, 27.8706)	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(14.7586, 21.8751,
27.8706)**

Conversions

Conversions Part 1

Format	Color
Hex	0A908B
RGB	10, 144, 139
RGB Percent	4%, 56%, 55%
CMY	0.9607, 0.4353, 0.4549
CMYK	0.93, 0.00, 0.03, 0.44
HSL	178°, 87%, 30%
HSV	178°, 93%, 56%
XYZ	14.7586, 21.8751, 27.8706
YIQ	103.3640, -78.2590, -29.9630

Conversions

Conversions Part 2

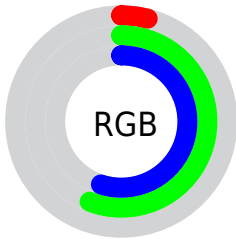
Format	Color
RYB	10, 78, 144
Decimal	692363
CIELab	53.89, -32.52, -6.48
CIElCh	54, 33.163, 191.267
Yxy	21.8751, 0.2288, 0.3391
Android (android.graphics.Color)	4278882443 (0xFF0A908B)
YUV	103.3640, 17.5685, -81.8802
Hunter-Lab	46.7708, -25.5230, -2.5912

Details

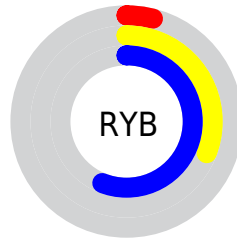
The XYZ color **14.7586, 21.8751, 27.8706** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11.6970, 6.1815, 1.0292**, and the grayscale version is **12.9598, 13.6348, 14.8483**.

A 20% lighter version of the original color is **33.8283, 46.3178, 57.0265**, and **5.7175, 8.5500, 10.8002** is the 20% darker color. If you saturate the color by 10%, you get **14.6066, 21.8004, 27.7216**, and if you desaturate by 10%, it is **15.0599, 22.0264, 28.0907**.

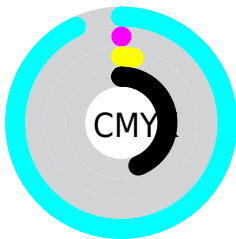
Distribution



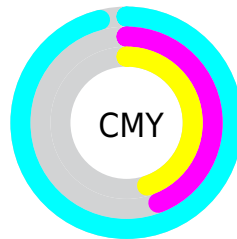
- Red (4%)
- Green (56%)
- Blue (55%)



- Red (4%)
- Yellow (31%)
- Blue (56%)



- Cyan (93%)
- Magenta (0%)
- Yellow (3%)
- Black (44%)



- Cyan (96%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7586, 21.8751, 27.8706 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 14.7586, 21.8751, 27.8706 by changing the saturation by 10% instead.

■ 14.7586, 21.8751,
27.8706

■ 14.7586, 21.8751,
27.8706

■ 215.3179,
261.8933, 305.7405

■ 8.7354, 13.7652,
17.9899

■ 34.0043, 46.5395,
57.2984

■ 4.6247, 7.9575,
10.7734

■ 47.9574, 63.8627,
77.6826

■ 2.0613, 4.0678,
5.8024

■ 65.2846, 85.0258,
102.4051

■ 0.6680, 1.7115,
2.6585

■ 86.3511, 110.4132,
131.8844

■ 0.0000, 0.4311,
0.9224

■ 111.5223,
140.4092, 166.5391

■ 0.0000, 0.0000,
0.0000

■ 141.1636,

175.3983, 206.7876

175.6404,
215.7649, 253.0486

■ 14.7586, 21.8751,
27.8706

■ 14.7586, 21.8751,
27.8706

■ 14.6066, 21.8004,
27.7216

■ 15.0599, 22.0264,
28.0907

■ 15.5426, 22.2706,
28.3199

■ 16.2322, 22.6216,
28.5597

■ 17.1499, 23.0900,
28.8112

■ 18.3139, 23.6855,
29.0753

■ 19.7410, 24.4165,
29.3527

■ 21.4463, 25.2909,
29.6441

■ 23.4437, 26.3159,
29.9502

■ 25.7464, 27.4982,
30.2716

Harmonies

Analogous

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



14.9435, 21.8751, 18.0447



14.7586, 21.8751, 27.8706



16.0460, 21.8751, 39.2848

Triad

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



14.7586, 21.8751, 27.8706



25.6571, 21.8751, 41.8669



23.0756, 21.8751, 9.6275

Complementary

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



14.7586, 21.8751, 27.8706



11.6970, 6.1815, 1.0292

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.



26.3913, 21.8751, 13.0601



14.7586, 21.8751, 27.8706



27.9955, 21.8751, 30.7081

Square

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



14.7586, 21.8751, 27.8706



22.1622, 21.8751, 48.7767



28.2786, 21.8751, 20.1791



19.4787, 21.8751, 9.2698

Rectangle

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



14.7586, 21.8751, 27.8706



17.6625, 21.8751, 45.5568



28.2786, 21.8751, 20.1791



24.2701, 21.8751, 10.4016

Sweetspot

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



14.7593, 21.8759, 27.8711



36.0997, 43.7210, 51.9962



10.2546, 20.0857, 3.6241



8.0201, 9.8937, 11.8784



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.7593, 21.8759, 27.8711



25.7477, 38.4439, 48.8184



8.3073, 8.3738, 27.5649



5.5517, 6.1129, 6.8710



12.7213, 18.9844, 24.1501



0.1234, 0.1822, 0.2401

Inverse Universe

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



11.6970, 6.1815, 1.0292



20.3242, 10.4731, 1.1498



13.7665, 10.3707, 1.5638



5.4165, 5.4271, 5.6915



10.0435, 5.1744, 0.6143



0.0973, 0.0500, 0.0127

Previews

White Background



This preview shows how the XYZ color 14.7586, 21.8751, 27.8706 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 14.7586, 21.8751, 27.8706 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 14.7586, 21.8751, 27.8706

Background



This preview shows how black text looks on a background with the XYZ color 14.7586, 21.8751, 27.8706.



This preview shows how white text looks on a background with the XYZ color 14.7586, 21.8751,

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

14.7586, 21.8751, 27.8706

Protanopia

20.7577, 21.5095, 23.8266

Deuteranopia

21.9644, 21.6369, 29.0053



Tritanopia

16.0184, 21.9530, 33.5301

Trichromacy



Original Color

14.7586, 21.8751, 27.8706

Protanomaly

16.4589, 20.4469, 25.2695

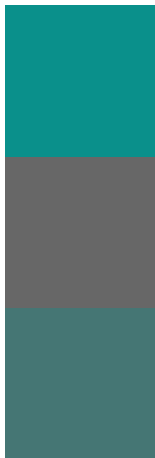
Deuteranomaly

17.1583, 20.5302, 28.6496

Tritanomaly

15.5444, 21.9772, 31.4397

Monochromacy



Original Color

14.7586, 21.8751, 27.8706

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.0851, 15.4830, 18.8746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7586, 21.8751, 27.8706 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(10, 144, 139)` looks like.

```
.text, #text, p{  
    color:rgb(10, 144, 139)  
}
```

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(10, 144, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 144, 139) }
```

Border

The CSS property to change the border of an element to XYZ 14.7586, 21.8751, 27.8706 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(10, 144, 139) }
```


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

```
.border{ border-color:rgb(10, 144, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 144, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 144, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 144, 139);  
box-shadow:4px 4px 4px 4px rgb(10, 144,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7586, 21.8751, 27.8706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 144, 139) }
```

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

```
.background{ background-color: rgb(10, 144,  
139) }
```

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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