

Converting Colors

XYZ(18.2569, 25.3368, 37.6465)

Have a look what the booklet for
XYZ(18.2569, 25.3368, 37.6465)
contains.

XYZ(18.2569, 25.3368, 37.6465)	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(18.2569, 25.3368,
37.6465)**

Conversions

Conversions Part 1

Format	Color
Hex	2098A1
RGB	32, 152, 161
RGB Percent	13%, 60%, 63%
CMY	0.8745, 0.4039, 0.3686
CMYK	0.80, 0.06, 0.00, 0.37
HSL	184°, 67%, 38%
HSV	184°, 80%, 63%
XYZ	18.2569, 25.3368, 37.6465
YIQ	117.1460, -74.4090, -22.6410

Conversions

Conversions Part 2

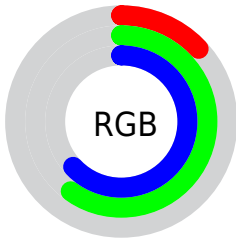
Format	Color
R_{YB}	32, 94, 161
Decimal	2136225
CIE _{Lab}	57.40, -27.90, -13.82
CIE _{LCh}	57, 31.132, 206.350
Yxy	25.3368, 0.2247, 0.3119
Android (android.graphics.Color)	4280326305 (0xFF2098A1)
YUV	117.1460, 21.6200, -74.6730
Hunter-Lab	50.3357, -23.3449, -9.1085

Details

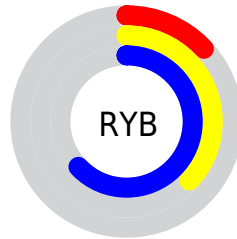
The XYZ color **18.2569, 25.3368, 37.6465** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **15.7522, 9.2679, 2.3258**, and the grayscale version is **16.9065, 17.7869, 19.3700**.

A 20% lighter version of the original color is **40.0743, 52.3502, 72.9582**, and **7.3175, 10.2185, 16.0547** is the 20% darker color. If you saturate the color by 10%, you get **17.6924, 24.7770, 37.5687**, and if you desaturate by 10%, it is **19.0690, 26.0279, 37.7376**.

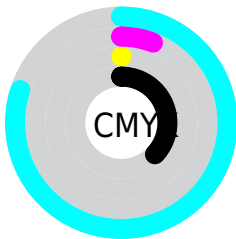
Distribution



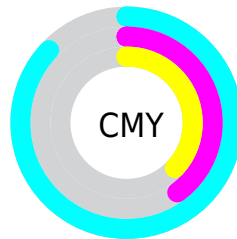
- Red (13%)
- Green (60%)
- Blue (63%)



- Red (13%)
- Yellow (37%)
- Blue (63%)



- Cyan (80%)
- Magenta (6%)
- Yellow (0%)
- Black (37%)



- Cyan (87%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2569, 25.3368, 37.6465 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 18.2569, 25.3368, 37.6465 by changing the saturation by 10% instead.

■ 18.2569, 25.3368,
37.6465

■ 18.2569, 25.3368,
37.6465

■ 235.3328,
279.5111, 351.3537

■ 11.2354, 16.3282,
25.4087

■ 40.0013, 52.2031,
72.7634

■ 6.2938, 9.7567,
16.1601

■ 55.4548, 70.8295,
96.4796

■ 3.0669, 5.2379,
9.4819

■ 74.4497, 93.4307,
124.8591

■ 1.1893, 2.3875,
4.9557

■ 97.3514, 120.3910,
158.3203

■ 0.0979, 0.8195,
2.1630

■ 124.5252,
152.0947, 197.2818

■ 0.0000, 0.0000,
0.6529

■ 156.3365,

■ 0.0000, 0.0000,

188.9264, 242.1622

0.0000

193.1505,
231.2704, 293.3800

■ 18.2569, 25.3368,
37.6465

■ 18.2569, 25.3368,
37.6465

■ 17.6924, 24.7770,
37.5687

■ 19.0690, 26.0279,
37.7376

■ 17.3027, 24.3124,
37.4995

■ 20.1578, 26.8637,
37.8415

■ 21.5509, 27.8589,
37.9602

■ 23.2719, 29.0257,
38.0947

■ 25.3420, 30.3752,
38.2461

■ 27.7809, 31.9173,
38.4152

■ 30.6064, 33.6613,
38.6029

■ 33.8354, 35.6160,
38.8100

■ 37.4839, 37.7895,
39.0372

Harmonies

Analogous

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



17.6614, 25.3368, 26.3117



18.2569, 25.3368, 37.6465



20.3537, 25.3368, 48.2424

Triad

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



18.2569, 25.3368, 37.6465



30.4974, 25.3368, 40.4762



24.5372, 25.3368, 11.8495

Complementary

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



18.2569, 25.3368, 37.6465



15.7522, 9.2679, 2.3258

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.



28.2396, 25.3368, 13.8734



18.2569, 25.3368, 37.6465



31.8957, 25.3368, 28.9039

Square

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



18.2569, 25.3368, 37.6465



27.3770, 25.3368, 50.1480



31.0302, 25.3368, 19.5017



21.0624, 25.3368, 13.0699

Rectangle

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



18.2569, 25.3368, 37.6465



22.4430, 25.3368, 52.4775



31.0302, 25.3368, 19.5017



25.7987, 25.3368, 12.1559

Sweetspot

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



18.2577, 25.3377, 37.6471



47.7774, 55.9206, 68.6622



13.7344, 25.9547, 6.3480



10.1628, 12.0642, 15.0366



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



18.2577, 25.3377, 37.6471



31.1624, 43.7358, 67.1860



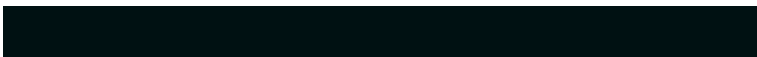
10.5110, 9.8444, 35.0649



7.2336, 7.9263, 9.0517



13.8312, 19.4418, 29.9534



0.3023, 0.4319, 0.6333

Inverse Universe

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



20.8826, 10.8778, 30.7058



36.2748, 17.6960, 53.1907



20.0212, 17.8059, 3.7488



7.3429, 7.1936, 8.7921



16.1268, 7.8068, 23.6562



0.3448, 0.1664, 0.5282

Previews

White Background



This preview shows how the XYZ color 18.2569, 25.3368, 37.6465 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 18.2569, 25.3368, 37.6465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

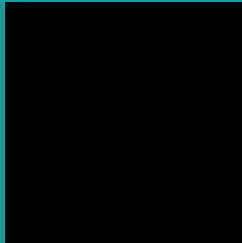
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.2569, 25.3368, 37.6465

Background



This preview shows how black text looks on a background with the XYZ color 18.2569, 25.3368, 37.6465.

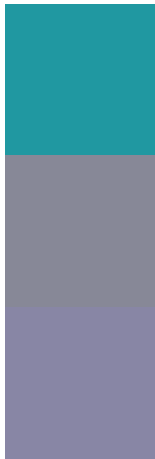


This preview shows how white text looks on a background with the XYZ color 18.2569, 25.3368,

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

18.2569, 25.3368, 37.6465

Protanopia

24.3817, 24.9936, 32.8173

Deuteranopia

25.4700, 25.0010, 39.0806



Tritanopia

18.6222, 25.4941, 39.0613

Trichromacy



Original Color

18.2569, 25.3368, 37.6465

Protanomaly

20.6264, 24.3092, 34.6154

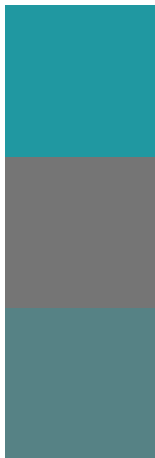
Deuteranomaly

21.2627, 24.3268, 38.6968

Tritanomaly

18.4988, 25.4409, 38.5859

Monochromacy



Original Color

18.2569, 25.3368, 37.6465

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.0540, 19.6372, 25.1345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2569, 25.3368, 37.6465 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(32, 152, 161)` looks like.

```
.text, #text, p{  
    color:rgb(32, 152, 161)  
}
```

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(32, 152, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 152, 161) }
```

Border

The CSS property to change the border of an element to XYZ 18.2569, 25.3368, 37.6465 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(32, 152, 161) }
```


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

```
.border{ border-color:rgb(32, 152, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 152, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 152, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 152, 161);  
box-shadow:4px 4px 4px 4px rgb(32, 152,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2569, 25.3368, 37.6465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 152, 161) }
```

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

```
.background{ background-color: rgb(32, 152,  
161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor