

Converting Colors

XYZ(24.5490, 30.1550, 45.6009)

Have a look what the booklet for
XYZ(24.5490, 30.1550, 45.6009)
contains.

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Color

**XYZ(24.5490, 30.1550,
45.6009)**

Conversions

Conversions Part 1

Format	Color
Hex	5B9FB0
RGB	91, 159, 176
RGB Percent	36%, 62%, 69%
CMY	0.6431, 0.3765, 0.3098
CMYK	0.48, 0.10, 0.00, 0.31
HSL	192°, 35%, 52%
HSV	192°, 48%, 69%
XYZ	24.5490, 30.1550, 45.6009
YIQ	140.6060, -45.9850, -9.1290

Conversions

Conversions Part 2

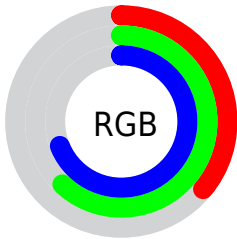
Format	Color
RYB	91, 129, 176
Decimal	6004656
CIELab	61.79, -16.87, -15.52
CIElCh	62, 22.923, 222.609
Yxy	30.1550, 0.2447, 0.3006
Android (android.graphics.Color)	4284194736 (0xFF5B9FB0)
YUV	140.6060, 17.4492, -43.5045
Hunter-Lab	54.9136, -16.3007, -10.7956

Details

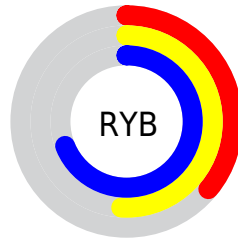
The XYZ color **24.5490, 30.1550, 45.6009** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.1560, 20.7113, 12.5702**, and the grayscale version is **25.1110, 26.4187, 28.7700**.

A 20% lighter version of the original color is **50.4661, 60.0303, 85.2711**, and **9.4600, 12.2688, 20.6084** is the 20% darker color. If you saturate the color by 10%, you get **22.4168, 28.1706, 45.3308**, and if you desaturate by 10%, it is **27.1072, 32.3859, 45.8972**.

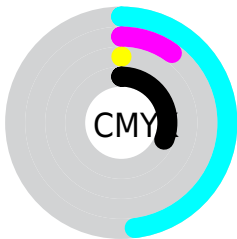
Distribution



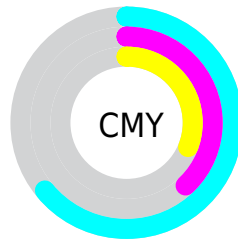
- Red (36%)
- Green (62%)
- Blue (69%)



- Red (36%)
- Yellow (51%)
- Blue (69%)



- Cyan (48%)
- Magenta (10%)
- Yellow (0%)
- Black (31%)



- Cyan (64%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5490, 30.1550, 45.6009 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 24.5490, 30.1550, 45.6009 by changing the saturation by 10% instead.

■ 24.5490, 30.1550,
45.6009

■ 24.5490, 30.1550,
45.6009

267.9737,
302.6263, 385.4327

■ 15.8683, 19.9563,
31.5846

■ 50.3728, 59.9072,
84.9494

■ 9.5213, 12.3633,
20.7822

■ 68.2466, 80.2295,
111.1186

■ 5.1425, 6.9916,
12.7752

■ 89.9155, 104.6951,
142.1760

■ 2.3667, 3.4568,
7.1450

■ 115.7448,
133.6883, 178.5399

■ 0.8285, 1.3746,
3.4732

146.1000,
167.5937, 220.6290

■ 0.0000, 0.1979,
1.3410

181.3463,

■ 0.0000, 0.0000,

206.7955, 268.8618

0.0951

221.8490,
251.6783, 323.6569

■ 0.0000, 0.0000,
0.0000

■ 24.5490, 30.1550,
45.6009

■ 24.5490, 30.1550,
45.6009

■ 22.4168, 28.1706,
45.3308

■ 27.1072, 32.3859,
45.8972

■ 20.6787, 26.4142,
45.0834

■ 30.1148, 34.8736,
46.2189

■ 19.3030, 24.8697,
44.8578

■ 33.5968, 37.6318,
46.5677

■ 18.2512, 23.5171,
44.6521

■ 37.5754, 40.6723,
46.9449

■ 17.4587, 22.3230,
44.4634

■ 42.0716, 44.0060,
47.3514

■ 17.3324, 22.1263,
44.4321

■ 47.1049, 47.6432,
47.7882

■ 52.6940, 51.5937,
48.2561

■ 58.8565, 55.8668,
48.7561

■ 65.6093, 60.4714,
49.2890

Harmonies

Analogous

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



23.2990, 30.1550, 36.6477



24.5490, 30.1550, 45.6009



26.9401, 30.1550, 51.6625

Triad

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



24.5490, 30.1550, 45.6009



34.6451, 30.1550, 38.1270



27.3972, 30.1550, 18.9922

Complementary

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



24.5490, 30.1550, 45.6009



25.1560, 20.7113, 12.5702

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.



30.4546, 30.1550, 19.2457



24.5490, 30.1550, 45.6009



34.7894, 30.1550, 29.2939

Square

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



24.5490, 30.1550, 45.6009



32.8282, 30.1550, 46.8484



33.2092, 30.1550, 22.7041



24.8631, 30.1550, 21.9363

Rectangle

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



24.5490, 30.1550, 45.6009



28.9299, 30.1550, 52.6866



33.2092, 30.1550, 22.7041



28.3946, 30.1550, 18.7237

Sweetspot

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



24.5499, 30.1562, 45.6016



63.7433, 70.4206, 84.7282



22.4725, 34.3283, 19.2378



13.4926, 15.0139, 18.3312



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



24.5499, 30.1562, 45.6016



40.4053, 50.8481, 82.1804



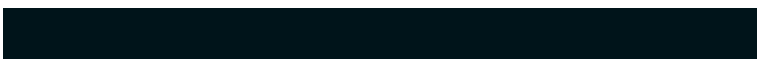
18.6203, 18.2970, 43.6251



8.5954, 9.3371, 10.8555



12.7587, 16.3179, 32.6142



0.4382, 0.5869, 1.0384

Inverse Universe

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



27.9044, 19.2164, 35.0405



47.4566, 29.4835, 59.6143



30.5542, 31.5075, 14.3696



8.7757, 8.6170, 10.3175



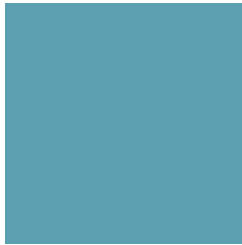
16.6747, 8.1874, 19.2446



0.5432, 0.2650, 0.7032

Previews

White Background



This preview shows how the XYZ color 24.5490, 30.1550, 45.6009 looks on a white background.

Color Contrast Check

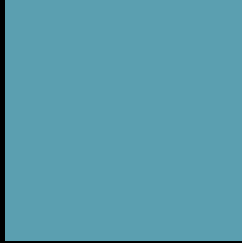
Large Text (above 18pt) WCAG AA × Fail

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 24.5490, 30.1550, 45.6009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

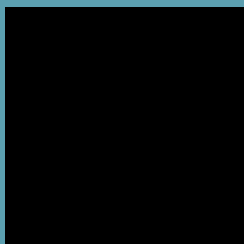
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.5490, 30.1550, 45.6009

Background



This preview shows how black text looks on a background with the XYZ color 24.5490, 30.1550, 45.6009.



This preview shows how white text looks on a background with the XYZ color 24.5490, 30.1550,

45.6009.

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

24.5490, 30.1550, 45.6009

Protanopia

29.1787, 29.7143, 41.2433

Deuteranopia

30.4748, 29.8014, 46.7939



Tritanopia

24.2336, 30.2938, 43.5998

Trichromacy



Original Color

24.5490, 30.1550, 45.6009

Protanomaly

26.8747, 29.4335, 42.7929

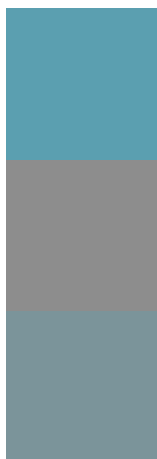
Deuteranomaly

27.6946, 29.5391, 46.3614

Tritanomaly

24.3301, 30.3324, 44.1076

Monochromacy



Original Color

24.5490, 30.1550, 45.6009

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.5910, 27.7239, 34.6270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5490, 30.1550, 45.6009 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(91, 159, 176)` looks like.

```
.text, #text, p{  
    color:rgb(91, 159, 176)  
}
```

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(91, 159, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 159, 176) }
```

Border

The CSS property to change the border of an element to XYZ 24.5490, 30.1550, 45.6009 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(91, 159, 176) }
```


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

```
.border{ border-color:rgb(91, 159, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 159, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 159, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 159, 176);  
box-shadow:4px 4px 4px 4px rgb(91, 159,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5490, 30.1550, 45.6009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 159, 176) }
```

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

```
.background{ background-color: rgb(91, 159,  
176) }
```

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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